



Forensic Building Science, Inc.

Insured: Memorial Inn & Suites
Property: 9535 Katy Fwy
Houston, TX 77024
Home: 123 Main St.
Saint Paul, MN 55105-3529

Home: (651) 222-6509

Claim Rep.: Jim Irmiter
Company: Forensic Building Science
Business: 657 Lincoln Ave.
St. Paul, MN 55105

Cellular: (651) 269-7007
E-mail: jirmiter@forensicbuildingscience.com

Estimator: Jim Irmiter
Company: Forensic Building Science
Business: 657 Lincoln Ave.
St. Paul, MN 55105

Cellular: (651) 269-7007
E-mail: jirmiter@forensicbuildingscience.com

Claim Number: 000013107760

Policy Number: ESP 7302074-01

Type of Loss: Hurricane

Date Contacted: 1/8/2018

Date of Loss: 8/25/2017 12:00 AM

Date Inspected: 1/31/2018

Date Received: 2/2/2018 3:55 PM

Date Entered: 2/28/2018 10:49 AM

Price List: TXHO8X_FEB18
Restoration/Service/Remodel
Estimate: 102484__EV16


Forensic Building Science, Inc.
102484__EV16
Flat Roof

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
1. Remove Built-up 3 ply roofing - in place	312.48 SQ	52.06	0.00	3,253.54	19,521.25	(0.00)	19,521.25
2. Built-up 3 ply roofing - in place <i>10% waste added</i>	343.73 SQ	294.58	2,536.60	20,758.52	124,551.10	(6,149.33)	118,401.77
3a. Remove Built-up roofing - gravel ballast	312.48 SQ	52.84	0.00	3,302.28	19,813.72	(0.00)	19,813.72
3b. Built-up roofing - gravel ballast	312.48 SQ	40.77	377.93	2,623.54	15,741.28	(916.19)	14,825.09
4. Remove Fiberboard - 1/2"	312.48 SF	0.43	0.00	26.88	161.25	(0.00)	161.25
5. Fiberboard - 1/2" <i>10% waste added</i>	343.73 SF	0.83	7.37	58.54	351.21	(17.87)	333.34
6. Install Insulation - ISO board, 3" <i>10% waste added</i>	343.73 SQ	179.64	0.00	12,349.54	74,097.20	(0.00)	74,097.20
7. Add for tapered insulation* <i>10% waste added</i>	343.73 SQ	100.00	0.00	6,874.60	41,247.60	(0.00)	41,247.60
8a. Remove Sheathing - plywood - 5/8" CDX	7,811.93 SF	0.53	0.00	828.06	4,968.38	(0.00)	4,968.38
8b. Sheathing - plywood - 5/8" CDX <i>*25% of total</i>	7,811.93 SF	1.76	618.70	2,873.54	17,241.24	(1,499.89)	15,741.35
9a. Remove Flash parapet wall only - bitumen	1,936.00 LF	1.92	0.00	743.42	4,460.54	(0.00)	4,460.54
9b. Flash parapet wall only - bitumen	1,936.00 LF	11.68	426.45	4,607.80	27,646.73	(1,033.82)	26,612.91
10a. Remove Cap flashing - large	1,920.00 LF	0.57	0.00	218.88	1,313.28	(0.00)	1,313.28
10b. Cap flashing - large	1,920.00 LF	23.09	2,561.33	9,378.82	56,272.95	(6,209.28)	50,063.67
11a. Remove Flashing - pipe jack	122.00 EA	6.75	0.00	164.70	988.20	(0.00)	988.20
11b. Flashing - pipe jack	122.00 EA	35.08	90.28	874.02	5,244.06	(218.87)	5,025.19
12a. Remove Gravity roof ventilator - 18"	63.00 EA	8.62	0.00	108.62	651.68	(0.00)	651.68
12b. Gravity roof ventilator - 18"	63.00 EA	263.94	1,066.99	3,539.04	21,234.25	(2,586.65)	18,647.60
13a. Remove Furnace vent - rain cap and storm collar, 8"	1.00 EA	10.29	0.00	2.06	12.35	(0.00)	12.35
13b. Furnace vent - rain cap and storm collar, 8"	1.00 EA	69.63	2.74	14.46	86.83	(6.64)	80.19
14a. Remove Rigid conduit, 1"	650.00 LF	2.88	0.00	374.40	2,246.40	(0.00)	2,246.40
14b. Rigid conduit, 1"	650.00 LF	10.89	132.99	1,442.30	8,653.79	(322.40)	8,331.39
15. Exterior light fixture - Detach & reset	4.00 EA	76.76	0.00	61.40	368.44	(0.00)	368.44
16a. Remove Central air - condenser unit - 2.5 ton - up to 13 SEER	1.00 EA	40.08	0.00	8.02	48.10	(0.00)	48.10
16b. Central air - condenser unit - 2.5 ton - up to 13 SEER	1.00 EA	1,460.01	94.33	310.86	1,865.20	(228.67)	1,636.53
17. XL Commercial Kitchen Bent*	1.00 EA	1,500.00	0.00	300.00	1,800.00	(0.00)	1,800.00
Totals: Flat Roof			7,915.71	75,097.84	450,587.03	19,189.61	431,397.42



Forensic Building Science, Inc.

Mansard Roof

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
18. Remove 3 tab - 25 yr. - comp. shingle roofing - w/out felt	73.11 SQ	51.12	0.00	747.48	4,484.86	(0.00)	4,484.86
19. Remove Tile roofing - Concrete - "S" or flat tile	73.11 SQ	170.86	0.00	2,498.32	14,989.89	(0.00)	14,989.89
20. Tile roofing - Concrete - "S" or flat tile	80.42 SQ	502.81	1,169.29	8,321.06	49,926.33	(2,834.64)	47,091.69
21a. Remove Ridge / Hip / Rake cap - tile roofing	194.00 LF	2.91	0.00	112.90	677.44	(0.00)	677.44
21b. Ridge / Hip / Rake cap - tile roofing	194.00 LF	11.12	111.07	453.68	2,722.03	(269.27)	2,452.76
22. Battens - 2x2 - for steel roofing	73.11 SQ	142.29	310.38	2,142.64	12,855.84	(752.45)	12,103.39
23. Hip & ridge nailer board for tile roofing - wood	194.00 LF	2.44	16.81	98.04	588.21	(40.74)	547.47
Totals: Mansard Roof			1,607.55	14,374.12	86,244.60	3,897.10	82,347.50

Porte Cochere

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
24a. Remove 5/8" drywall - hung, taped, floated, ready for paint	1,200.00 SF	0.40	0.00	96.00	576.00	(0.00)	576.00
24b. 5/8" drywall - hung, taped, floated, ready for paint	1,200.00 SF	2.16	46.53	527.70	3,166.23	(112.80)	3,053.43
25a. Remove Acoustic ceiling (popcorn) texture	1,200.00 SF	0.43	0.00	103.20	619.20	(0.00)	619.20
25b. Acoustic ceiling (popcorn) texture	1,200.00 SF	0.93	5.94	224.38	1,346.32	(14.40)	1,331.92
26. Seal/prime then paint the surface area (2 coats)	1,200.00 SF	0.80	14.85	194.98	1,169.83	(36.00)	1,133.83
Totals: Porte Cochere			67.32	1,146.26	6,877.58	163.20	6,714.38

Interior

Office

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
27. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
28a. Remove Laminate - simulated wood flooring	200.00 SF	1.12	0.00	44.80	268.80	(0.00)	268.80
28b. Laminate - simulated wood flooring	200.00 SF	5.72	51.98	239.20	1,435.18	(126.00)	1,309.18
29a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
29b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99



Forensic Building Science, Inc.

CONTINUED - Office

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
30. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
31. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Office			61.55	410.24	2,461.37	135.60	2,325.77

Room 103

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
32a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
32b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
33. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
34. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
35. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 103			9.57	126.24	757.39	9.60	747.79

Room 129

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
36. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
37. Carpet 15 % waste added for Carpet.	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
38a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
38b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
39a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
39b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
40. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 129			58.71	229.62	1,377.81	142.32	1,235.49


Forensic Building Science, Inc.
Room 131

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
41. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
42. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
43a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
43b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
44a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
44b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
45. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 131			58.71	229.62	1,377.81	142.32	1,235.49

Room 133

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
46. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
47. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
48a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
48b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
49a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
49b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
50. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 133			58.71	229.62	1,377.81	142.32	1,235.49

Room 135

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
51. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
52. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
53a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
53b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
54a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88


Forensic Building Science, Inc.
CONTINUED - Room 135

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
54b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
55. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 135			58.71	229.62	1,377.81	142.32	1,235.49

Room 136

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
56. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
57. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
58a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
58b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
59a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
59b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
60. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 136			58.71	229.62	1,377.81	142.32	1,235.49

Room 149

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
61. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
62. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
63a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
63b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
64a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
64b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
65. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30



Forensic Building Science, Inc.

CONTINUED - Room 149

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
66a. Remove 1/2" - drywall per LF - up to 2' tall	60.00 LF	2.16	0.00	25.92	155.52	(0.00)	155.52
66b. 1/2" - drywall per LF - up to 2' tall	60.00 LF	8.45	4.65	102.34	613.99	(11.28)	602.71
67. Seal/prime then paint the surface area (2 coats)	480.00 SF	0.80	5.94	77.98	467.92	(14.40)	453.52
Totals: Room 149			69.30	435.86	2,615.24	168.00	2,447.24

Room 152

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
68. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
69. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
70a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
70b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
71a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
71b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
72. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 152			58.71	229.62	1,377.81	142.32	1,235.49

Room 157

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
73. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
74. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
75a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
75b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
76a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
76b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44


Forensic Building Science, Inc.
CONTINUED - Room 157

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
77. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 157			58.71	229.62	1,377.81	142.32	1,235.49

Room 161

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
78. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
79. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
80a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
80b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
81a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
81b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
82. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 161			58.71	229.62	1,377.81	142.32	1,235.49

Room 162

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
83. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
84. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
85a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
85b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
86a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
86b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
87. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 162			58.71	229.62	1,377.81	142.32	1,235.49



Forensic Building Science, Inc.

Room 165

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
88. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
89. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
90a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
90b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
91a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
91b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
92. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
93a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
93b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
94. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
95. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
96. Seal/prime then paint the surface area (2 coats)	128.00 SF	0.80	1.58	20.80	124.78	(3.84)	120.94
Totals: Room 165			69.86	361.94	2,171.68	155.76	2,015.92

Room 166

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
97. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
98. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
99a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
99b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
100a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
100b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
101. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 166			58.71	229.62	1,377.81	142.32	1,235.49

Room 168



Forensic Building Science, Inc.

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
102. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
103. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
104a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
104b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
105a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
105b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
106. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 168			58.71	229.62	1,377.81	142.32	1,235.49

Room 167

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
107. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
108. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
109a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
109b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
110a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
110b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
111. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 167			58.71	229.62	1,377.81	142.32	1,235.49

Room 171

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
112. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
113. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
114a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
114b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
115a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
115b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44

**Forensic Building Science, Inc.****CONTINUED - Room 171**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
116. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 171			58.71	229.62	1,377.81	142.32	1,235.49

Room 177

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
117. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
118. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
119a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
119b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
120a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
120b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
121. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
122a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
122b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
123. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
124. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 177			68.28	341.14	2,046.90	151.92	1,894.98

Room 183 & 123

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
125. Remove Carpet	400.00 SF	0.26	0.00	20.80	124.80	(0.00)	124.80
126. Carpet	460.00 SF	3.07	91.08	300.66	1,803.94	(220.80)	1,583.14
15 % waste added for Carpet.							
127a. Remove Carpet pad	400.00 SF	0.11	0.00	8.80	52.80	(0.00)	52.80
127b. Carpet pad	400.00 SF	0.54	14.85	46.18	277.03	(36.00)	241.03


Forensic Building Science, Inc.
CONTINUED - Room 183 & 123

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
128a. Remove Cove base molding - rubber or vinyl, 4" high	120.00 LF	0.29	0.00	6.96	41.76	(0.00)	41.76
128b. Cove base molding - rubber or vinyl, 4" high	120.00 LF	1.84	11.48	46.46	278.74	(27.84)	250.90
Totals: Room 183 & 123			117.41	429.86	2,579.07	284.64	2,294.43

Room 184

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
129. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
130. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
131a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
131b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
132a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
132b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
133. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
134a. Remove 1/2" - drywall per LF - up to 2' tall	60.00 LF	2.16	0.00	25.92	155.52	(0.00)	155.52
134b. 1/2" - drywall per LF - up to 2' tall	60.00 LF	8.45	4.65	102.34	613.99	(11.28)	602.71
135. Seal/prime then paint the surface area (2 coats)	480.00 SF	0.80	5.94	77.98	467.92	(14.40)	453.52
Totals: Room 184			69.30	435.86	2,615.24	168.00	2,447.24

2nd Floor Hallway

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
136. Acoustic Ceiling (popcorn) Texture - Labor Minimum	4.00 EA	255.29	0.00	204.24	1,225.40	(0.00)	1,225.40
137. Painting - Labor Minimum	4.00 EA	187.75	0.00	150.20	901.20	(0.00)	901.20
138. Floor protection - cloth - skid resistant, leak proof	400.00 SF	0.82	11.22	67.84	407.06	(0.00)	407.06
Totals: 2nd Floor Hallway			11.22	422.28	2,533.66	0.00	2,533.66



Forensic Building Science, Inc.

Room 203

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
139. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
140a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
140b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
141. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
142. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 203			9.57	126.24	757.39	9.60	747.79

Room 205

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
143. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
144a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
144b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
145. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
146. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 205			9.57	126.24	757.39	9.60	747.79

Room 209

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
147. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
148. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
149a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
149b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
150a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
150b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
151. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30



Forensic Building Science, Inc.

CONTINUED - Room 209

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
152a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
152b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
153. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
154. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 209			68.28	341.14	2,046.90	151.92	1,894.98

Room 214

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
155. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
156. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
157a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
157b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
158a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
158b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
159. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
160a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
160b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
161. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
162. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
163. Seal/prime then paint the surface area (2 coats)	128.00 SF	0.80	1.58	20.80	124.78	(3.84)	120.94
Totals: Room 214			69.86	361.94	2,171.68	155.76	2,015.92

Room 215

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
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CONTINUED - Room 215

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
164. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
165. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
166a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
166b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
167a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
167b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
168. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
169a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
169b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
170. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
171. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
172. Seal/prime then paint the surface area (2 coats)	128.00 SF	0.80	1.58	20.80	124.78	(3.84)	120.94
Totals: Room 215			69.86	361.94	2,171.68	155.76	2,015.92

Room 216

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
173. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
174. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
175a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
175b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
176a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
176b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
177. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
178a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
178b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99

**Forensic Building Science, Inc.****CONTINUED - Room 216**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
179. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
180. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
181. Seal/prime then paint the surface area (2 coats)	128.00 SF	0.80	1.58	20.80	124.78	(3.84)	120.94
Totals: Room 216			69.86	361.94	2,171.68	155.76	2,015.92

Room 218

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
182. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
183. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
184a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
184b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
185a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
185b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
186. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
187a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
187b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
188. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
189. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
190. Seal/prime then paint the surface area (2 coats)	128.00 SF	0.80	1.58	20.80	124.78	(3.84)	120.94
Totals: Room 218			69.86	361.94	2,171.68	155.76	2,015.92

Room 221

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
191. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40

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**Forensic Building Science, Inc.****CONTINUED - Room 221**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
192. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
193a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
193b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
194a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
194b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
195. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
196a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
196b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
197. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
198. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 221			68.28	341.14	2,046.90	151.92	1,894.98

Room 223

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
199. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
200a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
200b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
201. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
202. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 223			9.57	126.24	757.39	9.60	747.79

Room 225

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
203. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40

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**Forensic Building Science, Inc.****CONTINUED - Room 225**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
204. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
205a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
205b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
206a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
206b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
207. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
208a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
208b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
209. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
210. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
211. Seal/prime then paint the surface area (2 coats)	128.00 SF	0.80	1.58	20.80	124.78	(3.84)	120.94
Totals: Room 225			69.86	361.94	2,171.68	155.76	2,015.92

Room 227

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
212. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
213. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
214a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
214b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
215a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
215b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
216. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
217a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
217b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
218. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77

**Forensic Building Science, Inc.****CONTINUED - Room 227**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
219. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
220. Seal/prime then paint the surface area (2 coats)	128.00 SF	0.80	1.58	20.80	124.78	(3.84)	120.94
Totals: Room 227			69.86	361.94	2,171.68	155.76	2,015.92

Room 229

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
221. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
222a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
222b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
223. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
224. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 229			9.57	126.24	757.39	9.60	747.79

Room 233

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
225. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
226. Carpet 15 % waste added for Carpet.	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
227a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
227b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
228a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
228b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
229. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
230a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
230b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99

**Forensic Building Science, Inc.****CONTINUED - Room 233**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
231. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
232. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 233			68.28	341.14	2,046.90	151.92	1,894.98

Room 235

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
233. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
234. Carpet 15 % waste added for Carpet.	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
235a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
235b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
236a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
236b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
237. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
238a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
238b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
239. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
240. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 235			68.28	341.14	2,046.90	151.92	1,894.98

Room 236

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
241. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
242. Carpet 15 % waste added for Carpet.	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
243a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40

**Forensic Building Science, Inc.****CONTINUED - Room 236**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
243b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
244a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
244b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
245. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
246a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
246b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
247. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
248. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 236			68.28	341.14	2,046.90	151.92	1,894.98

Room 239

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
249. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
250a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
250b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
251. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
252. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 239			9.57	126.24	757.39	9.60	747.79

Room 243

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
253. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
254. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
255a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40

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**Forensic Building Science, Inc.****CONTINUED - Room 243**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
255b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
256a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
256b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
257. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
258a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
258b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
259. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
260. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 243			68.28	341.14	2,046.90	151.92	1,894.98

Room 253

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
261. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
262a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
262b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
263. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
264. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 253			9.57	126.24	757.39	9.60	747.79

Room 256

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
265. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
266. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
267a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40

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**Forensic Building Science, Inc.****CONTINUED - Room 256**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
267b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
268a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
268b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
269. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
270a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
270b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
271. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
272. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 256			68.28	341.14	2,046.90	151.92	1,894.98

Room 257

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
273. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
274. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
275a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
275b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
276a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
276b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
277. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
278a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
278b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
279. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
280. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
281. Seal/prime then paint the surface area (2 coats)	128.00 SF	0.80	1.58	20.80	124.78	(3.84)	120.94
Totals: Room 257			69.86	361.94	2,171.68	155.76	2,015.92



Forensic Building Science, Inc.

Room 258

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
282. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
283. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
284a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
284b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
285a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
285b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
286. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
Totals: Room 258			58.71	229.62	1,377.81	142.32	1,235.49

Room 260

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
287. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
288a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
288b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
289. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
290. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 260			9.57	126.24	757.39	9.60	747.79

Room 261

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
291. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
292. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
293a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
293b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
294a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
294b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44

**Forensic Building Science, Inc.****CONTINUED - Room 261**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
295. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
296a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
296b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
297. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
298. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 261			68.28	341.14	2,046.90	151.92	1,894.98

Room 262

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
299. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
300. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
301a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
301b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
302a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
302b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
303. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
304a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
304b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
305. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
306. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 262			68.28	341.14	2,046.90	151.92	1,894.98

Room 264

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
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**Forensic Building Science, Inc.****CONTINUED - Room 264**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
307. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
308. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
309a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
309b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
310a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
310b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
311. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
312a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
312b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
313. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
314. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 264			68.28	341.14	2,046.90	151.92	1,894.98

Room 272

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
315. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
316. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
317a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
317b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
318a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
318b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
319. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
320a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
320b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
321. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77

**Forensic Building Science, Inc.****CONTINUED - Room 272**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
322. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 272			68.28	341.14	2,046.90	151.92	1,894.98

Room 274

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
323. Remove Carpet	200.00 SF	0.26	0.00	10.40	62.40	(0.00)	62.40
324. Carpet	230.00 SF	3.07	45.54	150.32	901.96	(110.40)	791.56
15 % waste added for Carpet.							
325a. Remove Carpet pad	200.00 SF	0.11	0.00	4.40	26.40	(0.00)	26.40
325b. Carpet pad	200.00 SF	0.54	7.43	23.08	138.51	(18.00)	120.51
326a. Remove Cove base molding - rubber or vinyl, 4" high	60.00 LF	0.29	0.00	3.48	20.88	(0.00)	20.88
326b. Cove base molding - rubber or vinyl, 4" high	60.00 LF	1.84	5.74	23.22	139.36	(13.92)	125.44
327. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
328a. Remove Acoustic ceiling (popcorn) texture	200.00 SF	0.43	0.00	17.20	103.20	(0.00)	103.20
328b. Acoustic ceiling (popcorn) texture	200.00 SF	0.93	0.99	37.40	224.39	(2.40)	221.99
329. Paint acoustic ceiling (popcorn) texture - 1 coat	200.00 SF	0.56	2.97	23.00	137.97	(7.20)	130.77
330. Floor protection - cloth - skid resistant, leak proof	200.00 SF	0.82	5.61	33.92	203.53	(0.00)	203.53
Totals: Room 274			68.28	341.14	2,046.90	151.92	1,894.98

Electrical Room

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
331. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
332a. Remove Acoustic ceiling (popcorn) texture	100.00 SF	0.43	0.00	8.60	51.60	(0.00)	51.60
332b. Acoustic ceiling (popcorn) texture	100.00 SF	0.93	0.50	18.70	112.20	(1.20)	111.00
333. Paint acoustic ceiling (popcorn) texture - 1 coat	100.00 SF	0.56	1.49	11.50	68.99	(3.60)	65.39

**Forensic Building Science, Inc.****CONTINUED - Electrical Room**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
334. Floor protection - cloth - skid resistant, leak proof	100.00 SF	0.82	2.81	16.96	101.77	(0.00)	101.77
Totals: Electrical Room			4.80	70.48	422.86	4.80	418.06

Mechanical Room

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
335. Contents - move out then reset - Large room	1.00 EA	73.58	0.00	14.72	88.30	(0.00)	88.30
336a. Remove Acoustic ceiling (popcorn) texture	100.00 SF	0.43	0.00	8.60	51.60	(0.00)	51.60
336b. Acoustic ceiling (popcorn) texture	100.00 SF	0.93	0.50	18.70	112.20	(1.20)	111.00
337. Paint acoustic ceiling (popcorn) texture - 1 coat	100.00 SF	0.56	1.49	11.50	68.99	(3.60)	65.39
338. Floor protection - cloth - skid resistant, leak proof	100.00 SF	0.82	2.81	16.96	101.77	(0.00)	101.77
339a. Remove Tile floor covering	100.00 SF	2.40	0.00	48.00	288.00	(0.00)	288.00
339b. Tile floor covering	100.00 SF	7.23	31.76	150.96	905.72	(77.00)	828.72
Totals: Mechanical Room			36.56	269.44	1,616.58	81.80	1,534.78
Total: Interior			2,715.16	14,028.96	84,175.62	6,133.16	78,042.46

Exterior

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
340a. Remove Aluminum window - casement, 9-13 sf	36.00 EA	21.67	0.00	156.02	936.14	(0.00)	936.14
340b. Aluminum window - casement, 9-13 sf	36.00 EA	275.37	622.33	2,107.12	12,642.77	(1,508.69)	11,134.08
341. Add. charge for a retrofit window, 12-23 sf - difficult	36.00 EA	207.30	46.09	1,501.78	9,010.67	(111.74)	8,898.93
342a. Remove AC unit w/sleeve - through-wall/window - 18,000 BTU	196.00 EA	30.17	0.00	1,182.66	7,095.98	(0.00)	7,095.98
342b. AC unit w/sleeve - through-wall/window - 18,000 BTU	196.00 EA	1,061.94	14,318.86	44,491.82	266,950.92	(34,712.38)	232,238.54
Totals: Exterior			14,987.28	49,439.40	296,636.48	36,332.81	260,303.67



Forensic Building Science, Inc.

General Conditions

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
343. Initial set-up, staging, and monitoring*	1.00 EA	1,500.00	0.00	300.00	1,800.00	(0.00)	1,800.00
344. Progressive set-up, staging, and monitoring*	1.00 EA	1,500.00	0.00	300.00	1,800.00	(0.00)	1,800.00
345. Commercial Supervision / Project Management - per hour	320.00 HR	65.08	0.00	4,165.12	24,990.72	(0.00)	24,990.72
346. Telehandler/forklift (per week) - no operator	8.00 WK	795.00	0.00	1,272.00	7,632.00	(0.00)	7,632.00
347. Temporary toilet (per month)	8.00 MO	158.21	0.00	253.14	1,518.82	(0.00)	1,518.82
348a. Remove Temporary fencing	400.00 LF	0.77	0.00	61.60	369.60	(0.00)	369.60
348b. Temporary fencing	400.00 LF	5.26	0.00	420.80	2,524.80	(0.00)	2,524.80
349. Dumpster load - Approx. 40 yards, 7-8 tons of debris	6.00 EA	568.55	0.00	682.26	4,093.56	(0.00)	4,093.56
350. Temporary construction office - portable (trailer)	1.00 MO	279.08	0.00	55.82	334.90	(0.00)	334.90
351. Temporary power usage (per month)	2.00 MO	120.00	18.12	51.62	309.74	(43.92)	265.82
352a. Remove Temporary power - hookup	1.00 EA	57.97	0.00	11.60	69.57	(0.00)	69.57
352b. Temporary power - hookup	1.00 EA	290.80	0.00	58.16	348.96	(0.00)	348.96
Totals: General Conditions			18.12	7,632.12	45,792.67	43.92	45,748.75
Line Item Totals: 102484__EV16			27,311.14	161,718.70	970,313.98	65,759.80	904,554.18



Forensic Building Science, Inc.

Summary for Dwelling

Line Item Total	781,284.14
Material Sales Tax	27,311.14
Subtotal	808,595.28
Overhead	80,859.35
Profit	80,859.35
Replacement Cost Value	\$970,313.98
Less Depreciation	(65,759.80)
Actual Cash Value	\$904,554.18
Net Claim	\$904,554.18
Total Recoverable Depreciation	65,759.80
Net Claim if Depreciation is Recovered	\$970,313.98

Jim Irmiter



Forensic Building Science, Inc.

Recap of Taxes, Overhead and Profit

	Overhead (10%)	Profit (10%)	Material Sales Tax (8.25%)	Cleaning Mtl Tax (8.25%)	Cleaning Sales Tax (8.25%)	Manuf. Home Tax (5%)	Storage Rental Tax (8.25%)
Line Items							
	80,859.35	80,859.35	27,311.14	0.00	0.00	0.00	0.00
Total	80,859.35	80,859.35	27,311.14	0.00	0.00	0.00	0.00



Forensic Building Science, Inc.

Recap by Category with Depreciation

O&P Items	RCV	Deprec.	ACV
CONTENT MANIPULATION	3,531.84		3,531.84
GENERAL DEMOLITION	85,780.29		85,780.29
DRYWALL	11,509.16	224.16	11,285.00
ELECTRICAL	7,078.50	322.40	6,756.10
HEAVY EQUIPMENT	6,360.00		6,360.00
FLOOR COVERING - CARPET	31,749.90	5,007.60	26,742.30
FLOOR COVERING - CERAMIC TILE	723.00	77.00	646.00
FLOOR COVERING - VINYL	4,305.60	542.88	3,762.72
FLOOR COVERING - WOOD	1,144.00	126.00	1,018.00
FRAMING & ROUGH CARPENTRY	13,749.00	1,499.89	12,249.11
HEAT, VENT & AIR CONDITIONING	209,669.88	34,947.69	174,722.19
LABOR ONLY	20,825.60		20,825.60
LIGHT FIXTURES	307.04		307.04
PAINTING	6,770.20	318.72	6,451.48
ROOFING	356,224.45	21,029.11	335,195.34
TEMPORARY REPAIRS	4,179.56	43.92	4,135.64
WINDOWS - ALUMINUM	17,376.12	1,620.43	15,755.69
O&P Items Subtotal	781,284.14	65,759.80	715,524.34
Material Sales Tax	27,311.14		27,311.14
Overhead	80,859.35		80,859.35
Profit	80,859.35		80,859.35
Total	970,313.98	65,759.80	904,554.18



RJH & Associates, Inc.

Building Envelope Consultants and Structural Engineers
Miramar Beach, FL • Pensacola, FL • Houston, TX

Storm Damage Report

for

Memorial Inn & Suites
9535 Katy Freeway
Houston, Texas 77024



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Building Envelope Consultants and Structural Engineers
Miramar Beach, FL • Pensacola, FL • Houston, TX

Project Info

Client: Raizner Slania Project Address: Memorial Inn and Suites 9535 Katy Freeway Houston, TX 77024 Harris County	Insurance Carrier: Arch Specialty Insurance Company Policy #: ESP 7302074-01 Claim #: 000013107760 Date of Loss: August 26-28, 2017 Claim Type: Hurricane Harvey
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FIELD REPORT FOR INITIAL STORM DAMAGE INVESTIGATION

1.0 Background Information:

Forensic Building Science, Inc. (FBS) was contacted by Raizner Slania Law Firm (RS) to provide an inspection of the exterior and interior of the above-mentioned property and to ascertain the extent of damage caused by wind and weight of water, including tornadic activity which was reported to have occurred on or around August 26-28, 2017. RJH & Associates, Inc. (RJH) worked in cooperation with FBS to perform their inspections.

1.1 **Summary of Hurricane/Tropical Storm Harvey from the Washington Post:**

https://www.washingtonpost.com/graphics/2017/national/harvey-impact/?utm_term=.a1555e841c24

1.2 **Reference Information on August 27, 2017 Storm Event**

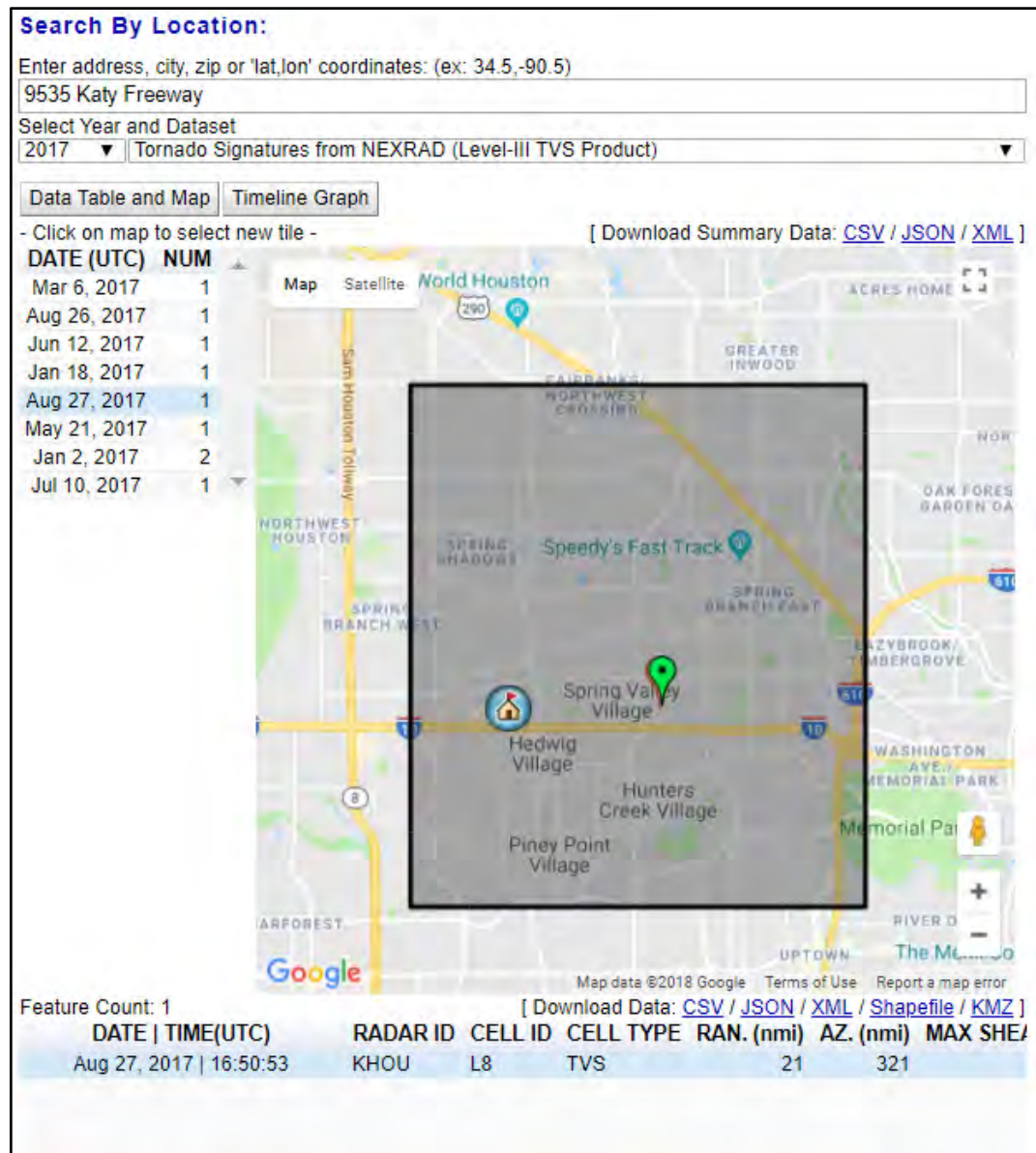
**NOAA Storm Events Database – August 26, 2017 through August 30, 2017
Event Details:**

Event	Tropical Storm
State	TEXAS
County/Area	HARRIS
WFO	HGX
Report Source	Emergency Manager
NCEI Data Source	CSV
Begin Date	2017-08-26 00:00:00.0 CST-6
End Date	2017-08-30 00:00:00.0 CST-6

Deaths Direct/Indirect	36/2 (fatality details below, when available...)
Injuries Direct/Indirect	0/0
Property Damage	10.00B
Crop Damage	
Episode Narrative	<p>Harvey made landfall as a category 4 hurricane near Rockport, Texas during the evening of August 25th. The storm then weakened to a tropical storm and slowed, looping back and tracking over SE Texas then back over the Gulf of Mexico making a second landfall along the Louisiana coast during the early morning hours of August 30th. Over that 5 day period over Southeast Texas TS Harvey produced catastrophic flooding with a large area of 30 to 60 inches of rain, 23 tornadoes, tropical storm force winds and a moderate storm surge near Matagorda Bay. In some of the heavier bands rain fell at a rate of over 5 inches per hour. This copious record amount of rain over a led to catastrophic flooding. Thousands of homes, businesses, and roads were flooded due to flash flooding and sheet flow from long duration intense rain. Main stem rivers and adjoining tributaries, creeks and bayous reached full capacity and came out of their banks and this also contributed to the massive flooding across southeastern Texas.</p>
Event Narrative	<p>Harvey made landfall as a category 4 hurricane near Rockport, Texas during the evening of August 25th then slowed and looped back tracking over SE Texas, back over the Gulf of Mexico then made a second landfall along the Louisiana coast during the early morning hours of August 30th. Over that 5 day period over Southeast Texas TS Harvey produced catastrophic flooding with a large area of 30 to 60 inches of rain, 23 tornadoes, tropical storm force winds and a moderate storm surge near Matagorda Bay. Catastrophic flooding occurred along nearly all bayous and rivers in Harris County.</p>

NOAA Severe Weather Inventory: Tornado Signatures from NEXRAD:
August 27, 2017

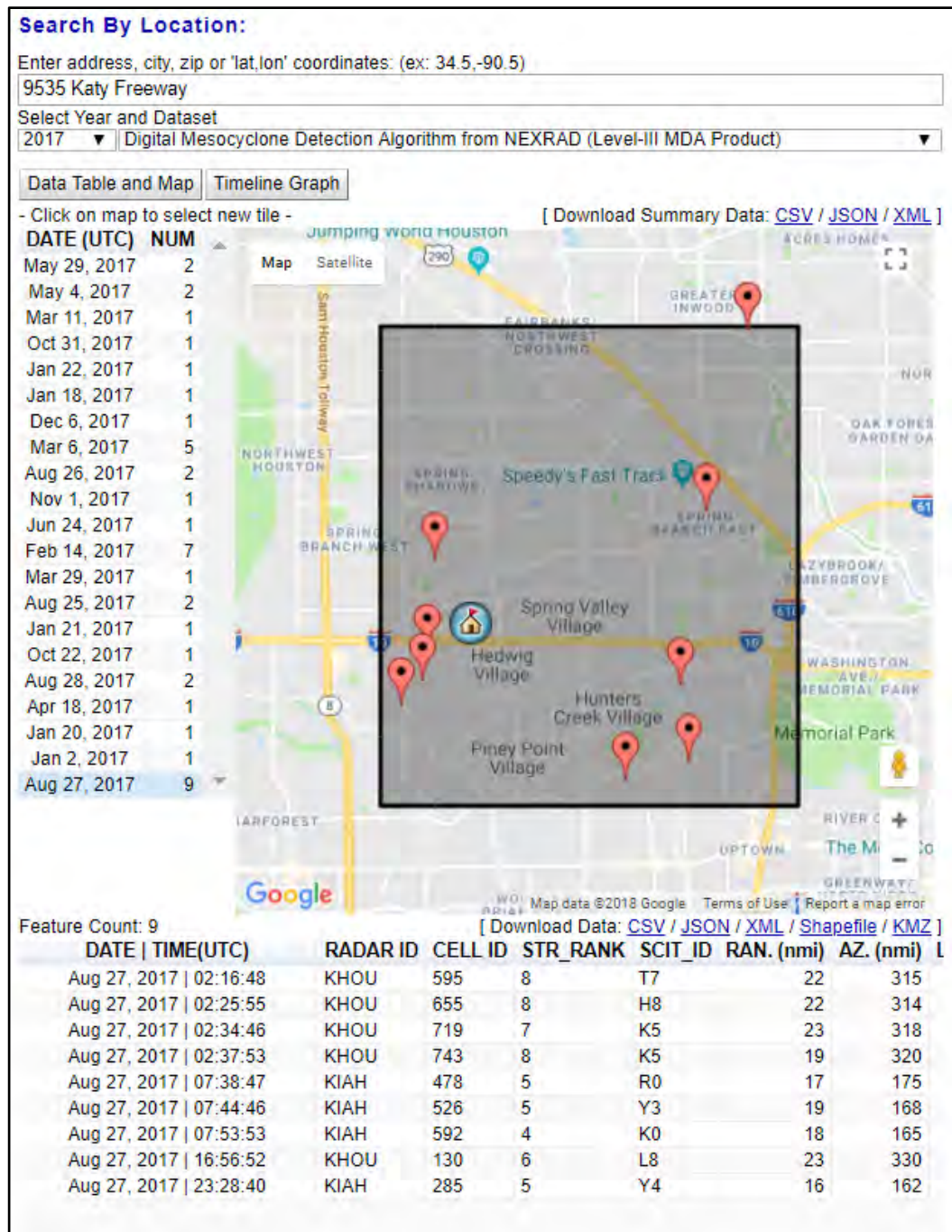
A tornado signature was reported by NEXRAD 2 miles east of the site.



Note: Times are listed in Universal Time (UTC), which is 5 hours ahead of Houston's Central Time.

NOAA Severe Weather Inventory: Digital Mesocyclone Detection Algorithm from NEXRAD: August 27, 2017

Nine digital mesocyclone events were recorded in the area with one occurring 1/2 mile west of the site.



Note: Times are listed in Universal Time (UTC), which is 5 hours ahead of Houston's Central Time.

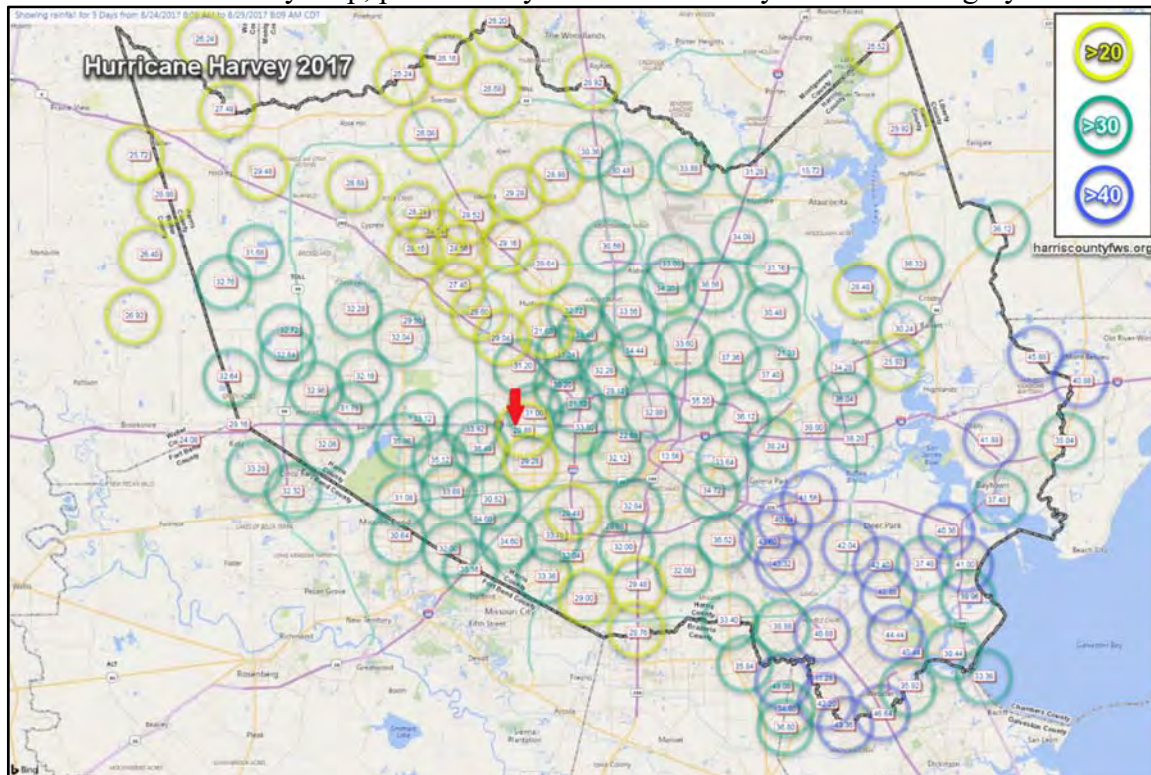
Weather Underground – Weather history for August 26, 2017 and surrounding dates:

Weather Underground historical weather data from the three nearest weather stations are not displayed on the website from August 19, 2017 through September 19, 2017. This is likely due to equipment or communication outages at the weather station during Tropical Storm Harvey. Weather Underground generically explains missing data in the site's FAQ section as follows:

“When a city suddenly disappears from our site, it is usually a station that has not sent us a data report for over 24 hours. We removed all data over 24 hours old from our site to avoid providing outdated information. These outages are usually due to communications or equipment failures at the weather station and outages can last from a few days to weeks”

Rainfall Information:

Total rainfall summary map, produced by the Harris County Flood Warning System



Red arrow is placed at location of the Memorial Inn. Map indicates approximately 30" of rain fell in the vicinity between August 24 and 29, 2017.

1.3 Satellite Image of the Property:



Google Earth imagery dated October 28, 2017.

1.4 Inspection personnel present:

- Kevin Steinke, Field Investigator, FBS – January 31 - February 1, 2018
- Robert Hinojosa, PE, RRC, RWC, REWC, RBEC
President/CEO, RJH & Associates – February 1, 2018

1.5 The following claim related documents have been received:

- McLaren, J. Phillip Dempsey II – RCV Insurance Estimate (\$62,336.27), dated November 30, 2017
- Envista Forensics Report of Findings with attachments A and B, dated October 20, 2017

1.6 Previous or Subsequent Damage from Another Event(s):

According to property owner Khalid Kajani, the fifth (and southernmost) wing of the building did have multiple known interior leaks prior to Tropical Storm Harvey, however, these were not leaking prior to the storm event. For that reason, the owner was not seeking insurance coverage for interior damage in that wing of the building. Other areas of concern that may have arisen prior to Tropical Storm Harvey were minor in nature and regular maintenance was able to resolve those issues in a timely manner. Since Tropical Storm Harvey, any attempt at post storm repairs have been too extensive for regular maintenance to perform.

1.7 Loss Related Repairs:

Minor temporary repairs have been made at numerous locations on the roof since the storm event. Repairs have also been made to some of the interior spaces, specifically, to the rooms on the first floor that sustained carpet damage.

1.8 The following additional documents were used for reference:

- According to the City of Houston, TX website, they have adopted the following building codes:
 - 2012 International Building Code with local amendments
 - 2012 International Energy Conservation Code with local amendments

- 2012 International Fire Code with local amendments
- 2012 Uniform Mechanical Code with local amendments
- 2012 Uniform Plumbing Code with local amendments
- 2017 National Electrical code
- 2015 International Energy Conservation Code with local amendments
- Amendments can be found here:
<https://www.houstonpermittingcenter.org/code-enforcement/customer-assistance-code-development-cacd-section.html/#current>
- Photographs from site visits by FBS.
- Haag Education Haag Certified Roof Inspector Program, Commercial Edition.
- ANSI/SPRI ES-1 Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems. 1998, 2003, 2011. Code reference standard.
- ARMA technical bulletin 115 The Effects of Ponding Water
- SPRI, Construction-Generated Moisture and Its Effect on Roofing Systems, August 2008.
- E108-10a Standard Test Methods for Fire Tests of Roof Coverings.
- RS-738-Insulation Installation Instructions
- ASHRAE R-Value Climate Zone Map
- Standards: FM 4470, UL 1256, and CAN/ULC – S126M
- Texas Board of Professional Engineers, Advisory Ruling October 7, 2004 “Policy Advisory Opinion Regarding Structural or Mechanical Modifications to Building Roofs.”
- Building Damage Issues in Tornadoes. Severe Local Storms 22nd Annual Conference. 2004 Marshall.
- Wind Speed Analyses of Tornadoes Based on Structural Damage. Wolde-Tinsae, Porter and McKeown. July 1985
- E2128-17 Standard Guide for Evaluating Water Leakage of Buildings
- E1105-15 STM for Field Determination of Water Penetration of Installed Ext Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Differential
- ACI 524R-93 - Guide to Portland Cement Plastering - Reported by ACI Committee 524
- PCA Repair of Portland Cement Plaster

2.0 Structure Information:



Google Earth imagery of terrain surrounding property dated October 28, 2017.

According to the Harris County Appraisal District website, the 29,145 square foot building at 9535 Katy Freeway was originally constructed in 1970. The two-story building is a concrete and steel structure with a slab-on-grade foundation. Floors and roof deck are concrete. The exterior walls are constructed with CMU and a parking surface covered by a stucco veneer. The veneer is painted. The roofing system is a low-slope built-up roof (BUR) with gravel ballast. Beneath the BUR is 1/2" of fiberglass insulation. Beneath the fiberglass insulation is a concrete deck. The area is surrounded by properties consistent with the definition of Exposure B in ASCE 7.

3.0 Site Observations: [See Photo reports for all photos of damage]

3.1 Exterior Observations



Figure 1



Figure 1A

- The ceiling of the porte-cochere was water damaged and the finish was removed for safety reasons.
- Many of the window air-conditioning units had damage to the plastic fins. Some were said to be broken as a result of the storm, while others were broken from unrelated causes.



Figure 2

- Several windows were broken from wind or wind-borne debris. Units with broken windows include 104, 114, 116, 117, 124, 166, 171, 177, 184, 209, 257, 261, and 262.
- Some windows have been replaced and others have been removed, but not yet replaced.
- Gaps identified around window frames were new in appearance and were consistent with wind damage. These gaps should be considered storm created openings.



Figure 3



Figure 3A

- Widespread damage identified to the exterior wall finish along the bottom of walls due to standing water during the tropical storm. This was observed by FBS and confirmed by property management. Water caused the parging to separate from the CMU at a number of locations. This damage typically extended up 12" from the grade line.



Figure 4

3.2 Roof Observations



Figure 5

- Parapets are capped with metal. The interior side of the 12-inch high parapets were covered with BUR that extended up the wall and under the metal cap. The exterior side was sloped and clad with concrete tiles, except for the east elevation, which was clad with 3-tab asphalt shingles. Along the southern end of the east elevation, concrete tiles were installed with battens fastened directly through the existing 3-tab shingles.
- Scour and cap sheet separation and debonding was observed on the BUR.[See Figure 5]
- Decorative 6- foot high wood-framed parapets were installed on top of the roof above the functional parapets along the north elevation and the west ends of each wing. The interior side of these parapets were clad with plywood. The top of these parapets were clad with exterior insulation and finish system (EIFS) which was capped with metal. During our inspection, a crew was replacing plywood that had been dislodged during the storm event. In general the plywood was in poor condition.



Figure 6

- 2" x 4" non-conventional wood bracing used for tall parapets.



Figure 7



Figure 8 Parpet pushed inward

- Expansion joints running east-west observed between wing sections, with temporary patching done on sections.



Figure 9

- Roof areas where an additional flood coat was applied
- A temporary repair with a black tarp observed between the first and second wings.



Figure 10

3.3 Roof Cores

Three roof cores were taken to observe the composition of the roof and determine if there are wet areas beneath the materials.

Core #1



- Located on the 1st (northernmost) wing, 13' from South wall, 50' from East wall
- Gravel Ballast

- ½" 3-ply BUR
- ½" fiberglass insulation
- Concrete deck
- All materials were wet

Core #2



- Located on the 3rd (middle) wing, 8' from North wall, 32' from West wall
- Gravel Ballast
- ½" 3-ply BUR
- ½" fiberglass insulation
- Concrete deck
- All materials were wet

Core #3



- Located on the 5th (southernmost) wing, 7' from South wall, 8' from West wall
- Gravel Ballast
- ½" 3-ply BUR
- ½" fiberglass insulation
- Concrete deck
- All materials were wet

3.4 Interior Observations

Because many units were rented, not all units were available to inspect during our visit. We did, however, inspect most of the rooms with reported damage. Below is a list of the units inspected by FBS with damage indicated. All of the units listed were damaged by Tropical Storm Harvey. Units in the 5th wing were not inspected by FBS as the damage in those units was considered by management to be pre-existing.

Second Floor:

Office

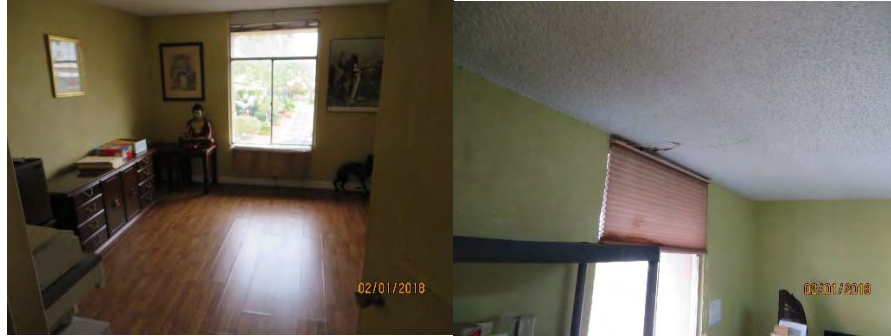


Figure 11

- Water damage to laminate floor
- Water damage to ceiling
- Water damage to window shade
- Water damage to wall
- Water damage to baseboard

203



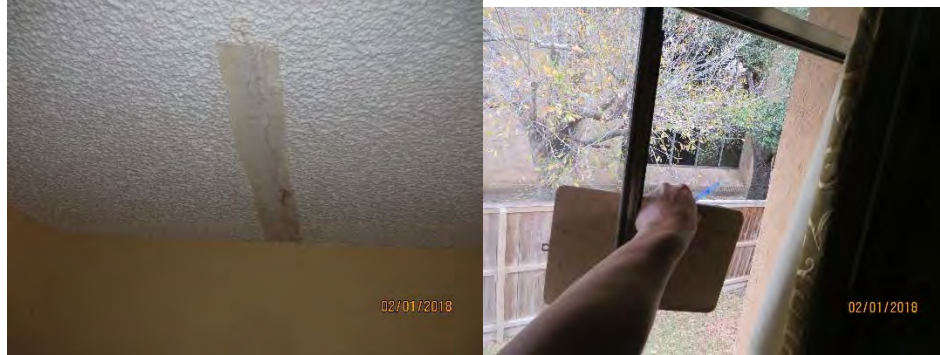
Figure 12

- Water damage to ceiling
- Water damage to wall

205

- Water damage to ceiling
- Water damage to wall

209



Figures 13 and 13A

- Water damage to ceiling
- Water damage to wall
- Window missing

214

- Water damage to ceiling
- Water damage to wall
- Carpet damage

215

- Water damage to ceiling
- Water damage to wall
- Window damage

216

- Water damage to ceiling
- Water damage to wall

218

- Water damage to ceiling
- Water damage to wall

221

- Water damage to ceiling
- Water damage to wall
- Water damage to carpet

223

- Water damage to ceiling

225

- Water damage to ceiling

227

- Water damage to ceiling
- Water damage to wall

229

- Water damage to ceiling

233

- Water damage to ceiling
- Water damage to wall
- Water damage to carpet

235

- Water damage to ceiling
- Water damage to a lamp shade

Electrical Room #2

- Water damage to ceiling

236

- Water damage to ceiling

239

- Water damage to ceiling

243

- Water damage to ceiling
- Window missing
- A/C unit missing

253

- Water damage to ceiling
- Water damage to wall

256

- Water damage to ceiling
- Water damage to carpet
- A/C unit missing

257



Figures 14 and 14A

- Water damage to ceiling
- Water damage to wall
- Water damage to carpet
- A/C unit missing

260

- Water damage to ceiling

261

- Water damage to ceiling
- Water damage to wall
- Water damage to carpet

262

- Water damage to ceiling
- Water damage to wall
- Water damage to carpet
- Water damage to window

Electrical Room #4



Figures 15 and 15A

- Water damage to ceiling
- Water damage to wall
- Water damage to floor

264

- Water damage to ceiling
- Water damage to wall

272

- Water damage to ceiling

274

- Water damage to ceiling
- Water damage to carpet

278

- Water damage to ceiling
- Water damage to wall

First Floor:

101



Figures 16 and 16A

- Water damage to wall

103

- Water damage to ceiling

104

- Window was replaced do to wind damage

129

- Water damage to carpet

131



Figure 17

- Water damage to carpet
- Water damage observed on wood dresser

133

- Water damage to carpet

136

- Water damage to carpet
- Water damage to wall

149



Figure 18

- Water damage to carpet
- Water damage to base of wall

152

- Water damage to carpet
- Water damage to base of wall

157

- Water damaged carpet has been replaced

161

- Water damaged carpet has been replaced

162

- Water damage to carpet

165

- Water damage to carpet
- Water damage to ceiling
- Water damage to wall

166

- Water damage to carpet
- Window has been replaced

167

- Water damage to carpet

168

- Water damage to carpet

171

- Water damage to carpet
- Water damage to base of walls
- Window has been replaced

177

- Water damage to carpet
- Water damage to ceiling
- Water damage to wall
- Window has been replaced

183

- Water damage to carpet
- Water damage to wall

123 (Joined to Unit 183)



Figures 19 and 19A

- Water damage to carpet
- Water damage to wall
- Water damage to ceiling

184

- Water damage to carpet
- Water damage to base of walls

124 (Joined to Unit 184)

- Water damage to carpet
- Observed broken window glass on ground

185

- Water damage to carpet

125 (Joined to Unit 185)

- Water damage to carpet

4.0 Causation Statement

Based upon evidence collected from weather research and the physical inspection and roof, exterior wall and window assessment, we have concluded that the roof system, windows, some PTAC units, parapet walls, and some roof vents were damaged by the tornadic winds which occurred during the storm event. In addition, an overabundance of rain more than likely caused the roof system to be submerged causing water to damage the materials under the primary membrane, including adhesives, insulation and ceiling materials. These were still wet at the time of our inspection and will not recover. In our opinion, the low-slope built-up roof must be completely replaced. In our opinion, the current design of the parapet walls will not meet code at the time of the loss and will require complete replacement. In our opinion, complete replacement of the windows is necessary. The Work that has been done after the storm should be considered temporary in nature.

Based upon our training, education, experience, a reasonable degree of building science and engineering certainty and the information gathered during our inspections and weather data search, it is more likely than not that the observed damage to the roofing system is a result of Tropical Storm Harvey. On August 26-29, 2017 there was sufficient rain and wind to cause the above-referenced damage.

Based on our interior inspection of the building, we have concluded that it is more likely than not, that the interior water damage we observed was a result of Tropical Storm Harvey, with the exception of the prior damage, as reported.

Failure to completely remove and replace the damaged roof systems, windows, and parapets at the property will result in additional damage to the interior due to water intrusion.

5.0 Conclusions

Damage to the property caused by wind and excessive occurred on or around August 26-28, 2017. Historic rainfall impacted the property during this time period where approximately 30" of rain was reported at the location of the Memorial Inn. According to our review of applicable weather data listed above in section 1, sustained windspeeds were estimated between 40-50 mpg with gusts reaching 50-60 mph. The wind speeds reported are general to the area and can vary at specific locations. They are subject to a +/- 20% margin of error and do not account for tornadoes. Tropical Storm Harvey spawned many tornadoes, radar records indicated one which was reported 2 miles east of the site. There were also several mesocyclones detected in the area, with one being reported ½ west of the site. In our opinion, the wind that occurred on or around August 27, 2017 was sufficient to cause damage to the windows, parapets and the roofing system. In our opinion, full replacement of the roof system is required. Ensuing interior water damage from the storm event will require interior repairs.

The City of Houston has adopted the 2015 International Energy Code (IECC). In our opinion, as the carrier has demostarted coverage for the removal and replacement of sections of the interior ceilings damaged by water from the storm, the remaining parts of the roof assembly up to the roof covering [working inside out] must also be replaced due to water damage. FBS cut roof cores and all cores were wet. In our opinion, additional coring will reveal either presence of water or signs that water did enter. Most if not all of the products used in the "roof Assembly" are not intended by the manufacturer to get wet and water damage to the materials directly behind the exterior roof envelope [the back side of the base sheet] are wet.

The Code Defines the following;

2015 IECC

Definitions Chapter 2

ROOF ASSEMBLY. A system designed to provide weather protection and resistance to design loads. The system consists of a roof covering and roof deck or a single component serving as both the roof covering and the roof deck. **A roof assembly includes the roof covering, underlayment, roof deck, insulation, vapor retarder and interior finish.**

The key component here is that the energy code includes the **interior finish**.

Interior Finish is defined as:

INTERIOR FINISH. *Interior finish includes interior wall and ceiling finish and interior floor finish.*

Interior wall and Ceiling Finish is further defined as:

INTERIOR WALL AND CEILING FINISH. The exposed interior surfaces of buildings, including but not limited to: fixed or movable walls and partitions; toilet room privacy partitions; columns; ceilings; and interior wainscoting, paneling or other finish applied structurally or **for decoration, acoustical correction**, surface insulation, structural fire resistance or similar purposes, but not including trim.

In our opinion, based on code language adopted by the City of Houston prior to the storm event, water damage to the interior ceilings from the storm event, which is not disputed, and discovery of wet materials in the roof assembly which includes not only the interior ceilings but also the roof assembly insulation, requires replacement of the wet insulation. In this case because of the concrete deck the only way to access the wet insulation is from the top, necessitating full roof replacement.

In our opinion, removal of the roof system to the concrete deck, drying out of the deck and installation of new above deck insulation with a new roof covering will be required as a result of damage from the storm event. Parapet walls will require replacement. New roof system will not allow for any gravel ballast.

In our opinion additional windows have been damaged by wind and require replacement. In our opinion, parging at the base of the structure was water damaged requiring removal and replacement. In our opinion, the scope of repairs allowed for by the carrier was deficient.

6.0 Requirements / Recommendations

Based on the findings during the investigation, we recommend the following steps be taken:

1. Follow all applicable building codes.
2. Remove all existing low-slope roofing materials down to the concrete decking.
3. Dry down concrete to roofing insulation manufacturers requirements prior to installing new roof system.
4. Install a minimum of 3" of tapered polyiso board above deck.
5. Relocate all scuppers to accommodate height change.
6. Build new parapet with parapet bracing to meet current code requirements.
Note: This will require special engineering design.
7. Replace all removed roofing materials and appurtenances with new similar materials.
8. Remove and replace all water damaged materials on the porte-cochere.
9. Repair any storm damage related interior water damage.
10. Replace all storm damaged windows.
11. Replace any storm damaged through-wall air conditioning units.

12. Remove water damaged interior materials and effect repairs pursuant to current published guidelines by ANSI/IICRC S500 – “Water Damage Restoration.” This will include interior environmental controls.
13. Alternate construction techniques may be acceptable provided a licensed design professional approves and signs and seals plans and or shop drawings for these repairs. Means and methods are the contractor’s responsibility.
14. Conform to any special inspection and testing schedules issued by the engineer.
15. Contractor is solely responsible for adherence to all applicable safety requirements for work at heights.
16. Contractor shall remain on alert for signs of mold during repairs and construction.
17. Energy code requirements have not been reviewed. Scope of work for this project is structural only. Integration of existing building systems with vapor retarders, application of sealants, flashing and other items are the responsibility of the contractor.
18. Stability during construction is the responsibility of the contractor. Structure as detailed is intended to be stable once all sheathing and fasteners are in place.

Discovery is ongoing. Additional testing and inspections may need to be performed and additional and/or supplemental information and opinions may be contained in future reports issued by Forensic Building Science, Inc and RJH & Associates, Inc. This report is the exclusive property of the client noted previously and cannot be relied upon by a third party. Copies of this report are released to third parties only by written permission of the client.

Please contact our office should you have any questions or need additional information.

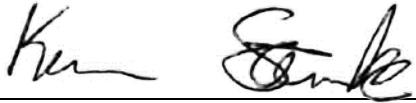
Respectfully submitted,



Ryan Nierengarten
FBS Director of Field Operations

February 27, 2018

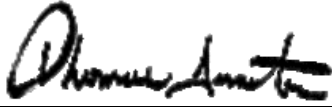
Date



Kevin Steinke
Field Investigator & Project Estimator, Forensic Building Science, Inc.

February 27, 2018

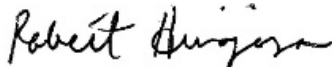
Date



Tom Irmiter, President, Forensic Building Science, Inc.
Building Causation, Code and Damages Consultant

February 27, 2018

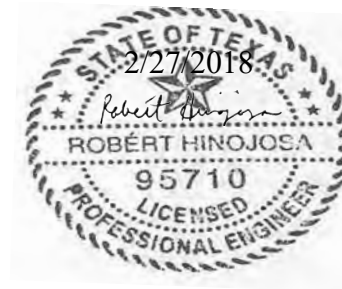
Date



Robert Hinojosa, PE, RRC, REWC, RWC, RBEC
President/CEO
RJH & Associates. Inc.

February 27, 2018

Date



The Washington Post

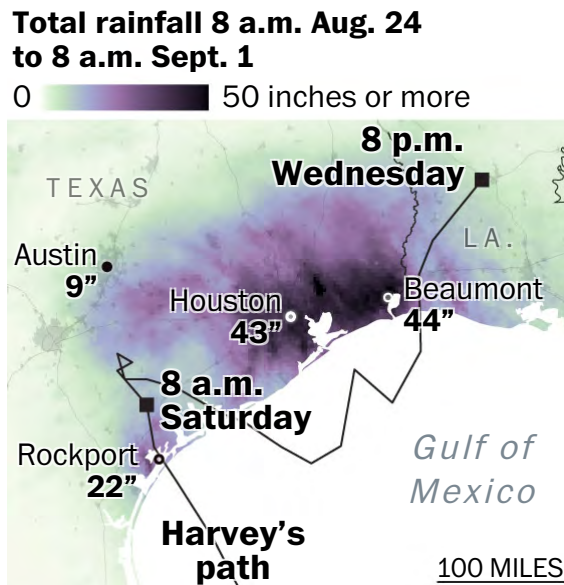
National • Analysis

Flooding persists as Harvey downgraded to tropical depression

Millions of people are caught in the most extreme rain event in U.S. history

By **Darla Cameron**, **Chris Alcantara**, **Gabriel Florit** and **Bonnie Berkowitz**

Updated Sept. 1 10:38 p.m.



Rainfall totals by day

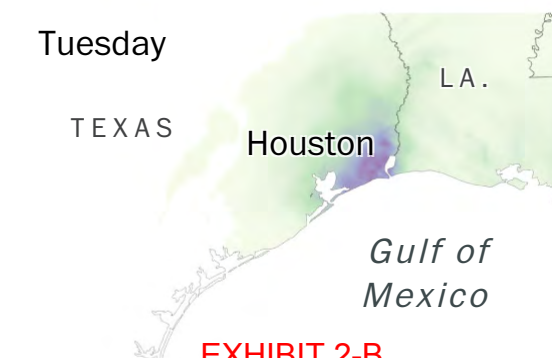
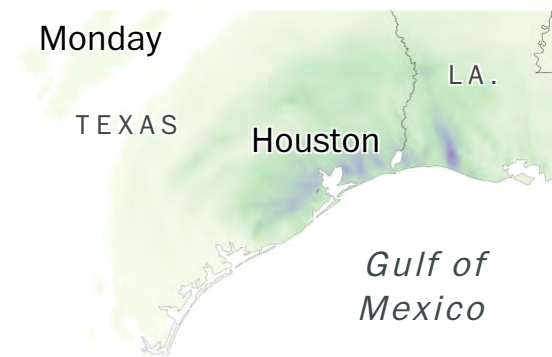
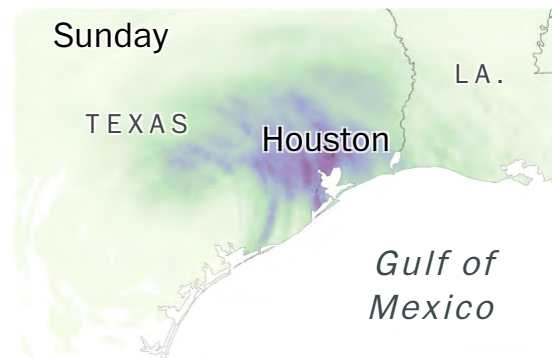
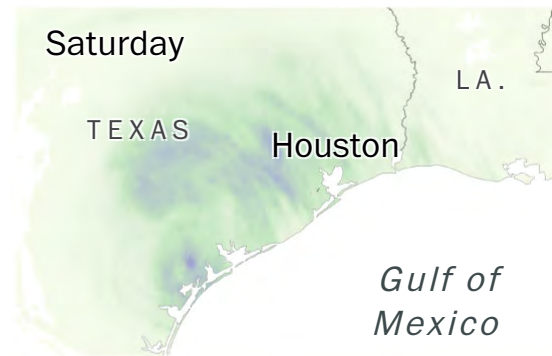


EXHIBIT 2-B

000061, MEM INN

Wednesday

TEXAS

Houston

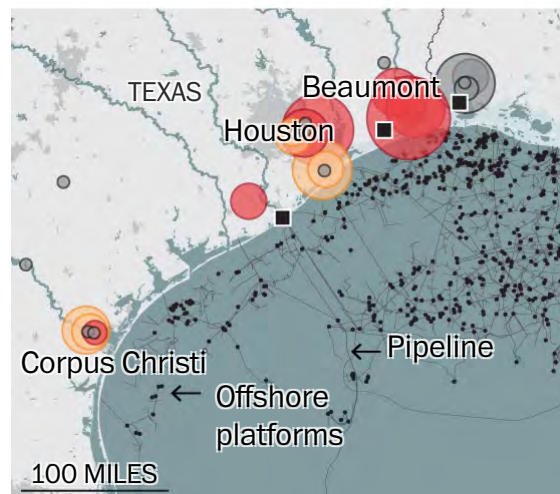
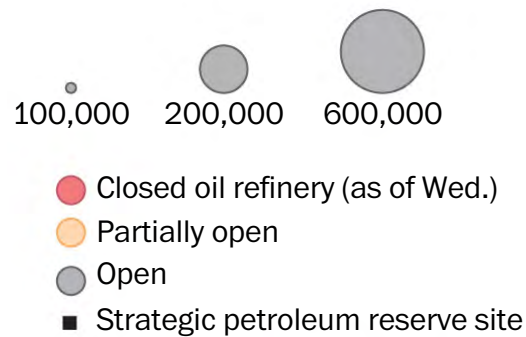
L.A.

Gulf of Mexico

The downpour has stopped in Houston, which was inundated for days by [record-setting rain](#) and floodwaters from the aftermath of Hurricane Harvey.

But Harvey, now a tropical depression, is still dumping extraordinary amounts of rain as it travels northeast through Louisiana.

Barrels per calendar day

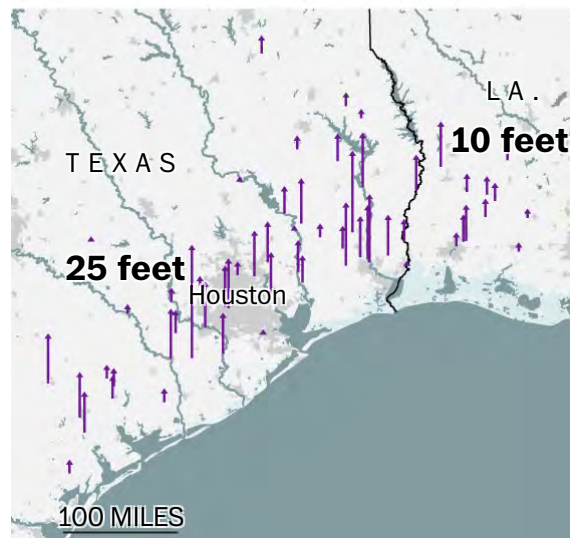


The Southeast Texas city of Beaumont, home to many huge oil refineries, had recorded nearly four feet of rain by Wednesday morning, according to the National Weather Service.

Mayor Derrick Freeman of Port Arthur, Tex., posted on Facebook that “our whole city is underwater right now.” Motiva shut down its Port Arthur plant, the country’s largest refinery, as the storm flooded the city.

Lake Charles, La., had more than a foot of rain, and storm surge threatened areas along the coast. The National Weather Service warned Wednesday of “catastrophic and life-threatening flooding” that would continue from west of Houston into southwest Louisiana for the rest of the week. Vulnerable New Orleans is not in Harvey’s path, but the right-side rain bands will drench the city.

↑ Arrow heights indicate water level above flood threshold, in feet, at 3 p.m. on Thursday



Drainage and flooding are perennial worries along the Texas-Louisiana Gulf Coast, and huge storms can overwhelm the two major cities.

RELATED



**Before-and-after
visuals of the
massive flooding in**

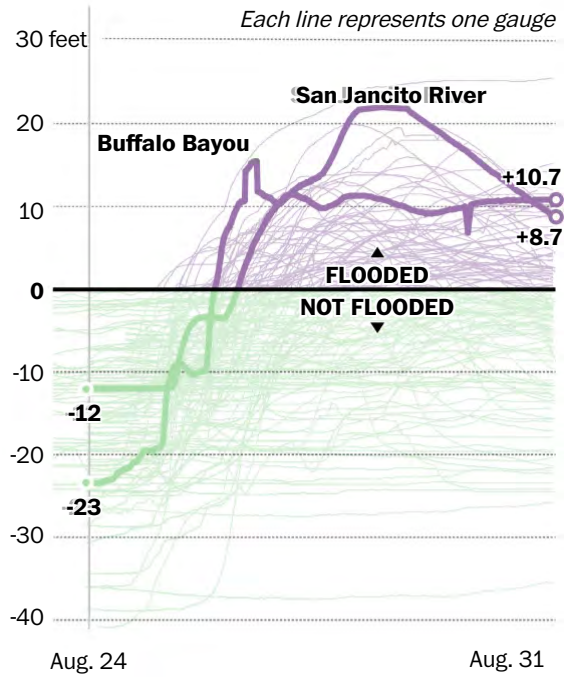
Texas

000063, MEM INN

Case 4:18-cv-01692 Document 24-4 Filed 02/18/19 in TXSD Page 64 of 361
The National Weather Service monitors four regions along the Gulf Coast,
each with its own series of flood gauges.

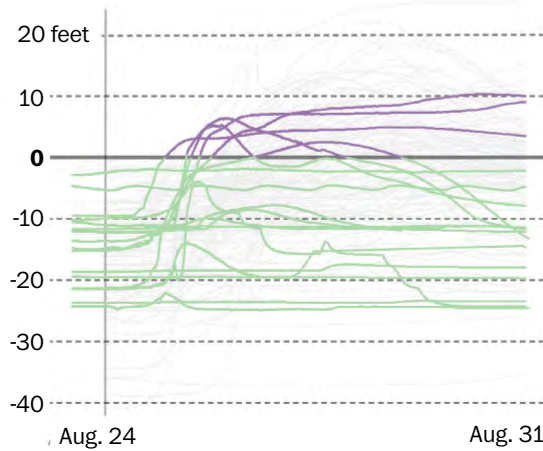
Weather service gauges in the Houston/Galveston region reported the
highest levels of flooding over the weekend as the storm slammed into the
city starts and started its path northeast this week.

Hurricane Harvey
makes landfall
11 p.m. Aug. 25



Gauges along the coast

Corpus Christi



Houston/Galveston

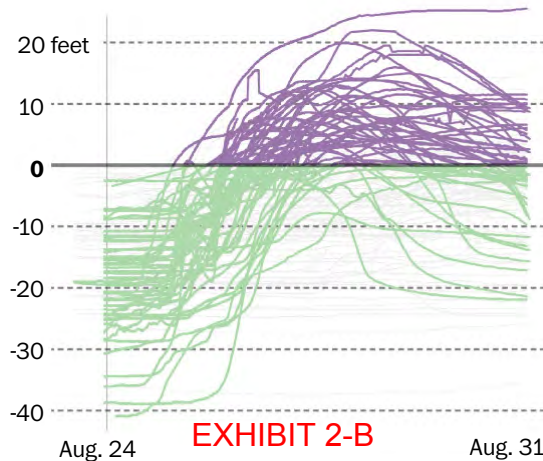
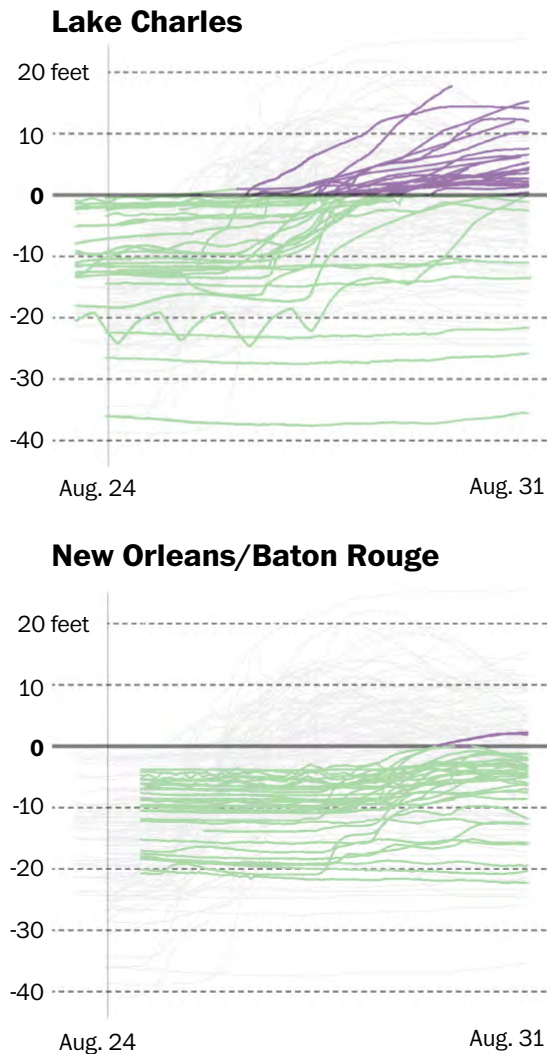


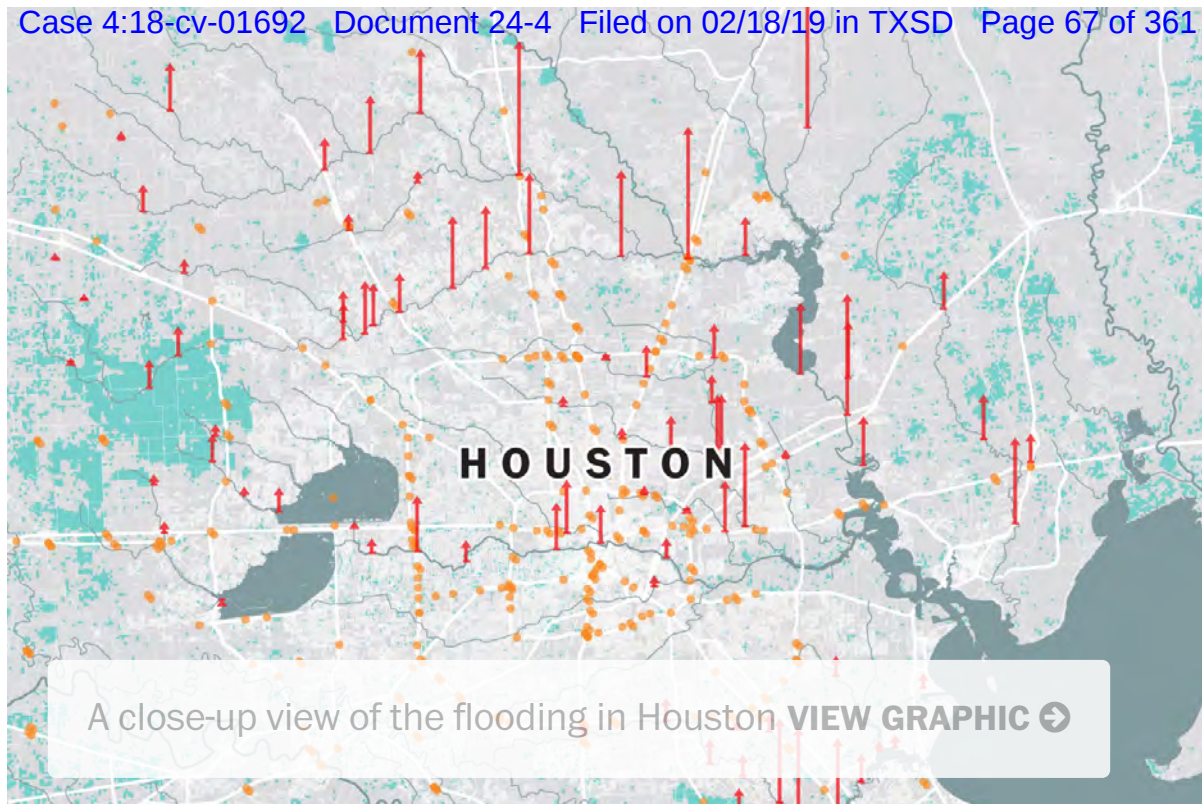
EXHIBIT 2-B

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Low-lying Houston is drained by a network of bayous that flow into one outlet, the Houston Ship Channel, a busy shipping port lined with some of the [biggest oil refineries](#) in the United States.

As the city's population grew, developers built structures over large chunks of wetlands, leaving the vulnerable land with [less natural drainage](#). The impermeable surfaces — asphalt and concrete — reduced the area's ability to absorb excess water. Roads that were built to carry off water in an emergency were filled, hampering travel, evacuation and rescue efforts.



A close-up view of the flooding in Houston

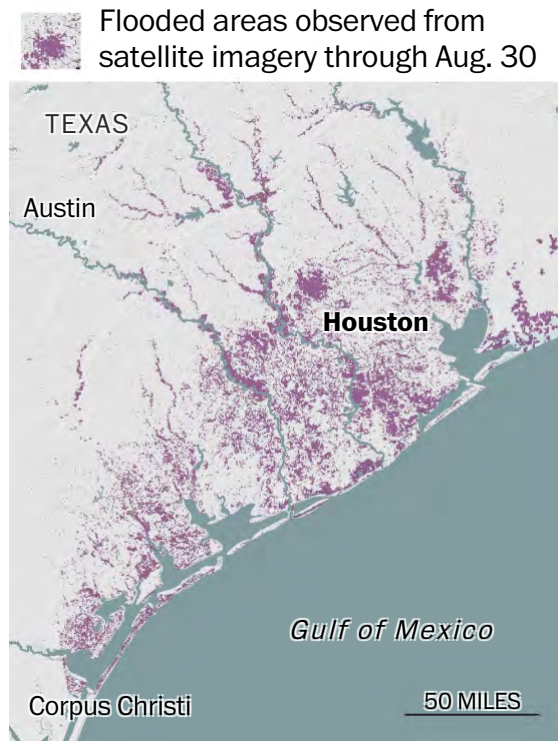
New Orleans, which was devastated 12 years ago by Hurricane Katrina, had flooding earlier this month and [problems with the huge pumping system](#) that is supposed to get rid of the water.

[Three key elements combined](#) to create such a rain-laden storm as Harvey: the warm waters of the Gulf of Mexico, strong hurricane winds and a weak late-summer jetstream.

The result was a slow-moving storm that churned near Houston for days before meandering east, continuously dumping rain from the strong bands on its [right side](#).

When Harvey returned to the warm gulf, it picked up more moisture to pour onto land. It is expected to continue creeping northeast until it dissipates later in the week, according to the National Hurricane Center.

The map below depicts flood waters detected by satellite imagery. This data is preliminary and does not show all of the flooded areas due to cloud cover.



Related stories

[*3,000 guard troops called up as 'catastrophic' Harvey causes deadly floods in Texas*](#)

[*'All night of slam, bang, boom,' then a scramble to assess the hurricane's damage*](#)

[*Catastrophic flooding underway in Houston and 'expected to worsen'*](#)

Samuel Granados, Armand Emamdjomeh and Laris Karklis contributed to this report.

About this story

Sources: [Observed precipitation data](#) and [flood gauge data](#) from the [National Weather Service](#). Hurricane track data from the [National Hurricane Center](#). Satellite data from Dartmouth Flood Observatory. Oil infrastructure data from the [U.S. Energy Information Administration](#) and [U.S. Bureau of Ocean Energy Management](#). Refinery status data from S&P Global Platts.

Originally published Aug. 26, 2017. **EXHIBIT 2-B**

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Figure 01. (KJS)



Figure 02. (KJS)

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Figure 03. Water damage on Portico (KJS)



Figure 04. (KJS)

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Figure 05. (KJS)



Figure 06. (KJS)

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Figure 07. (KJS)



Figure 08. (KJS)

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Figure 09. (KJS)



Figure 10. Separation between window frame and stucco (KJS)

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Figure 11. (KJS)



Figure 12. (KJS)

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Figure 13. (KJS)



Figure 14. (KJS)

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Figure 15. (KJS)



Figure 16. (KJS)

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Figure 17. Water damage (KJS)



Figure 18. (KJS)

Forensic Building Science, Inc.

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Figure 19. (KJS)

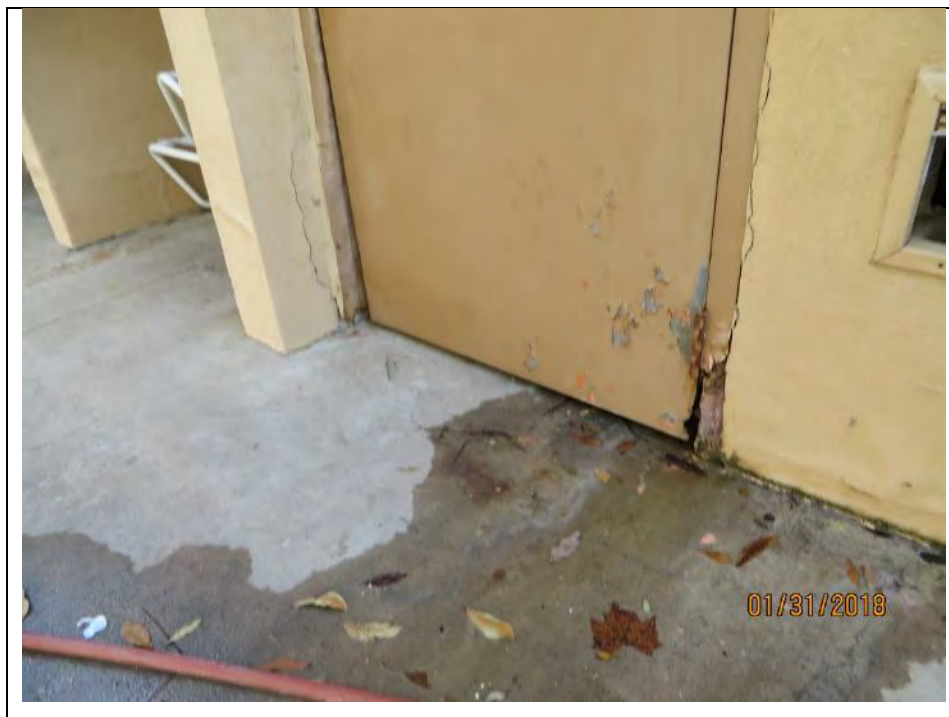


Figure 20. (KJS)

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Figure 21. Fresh crack (KJS)



Figure 22. (KJS)

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Figure 23. (KJS)

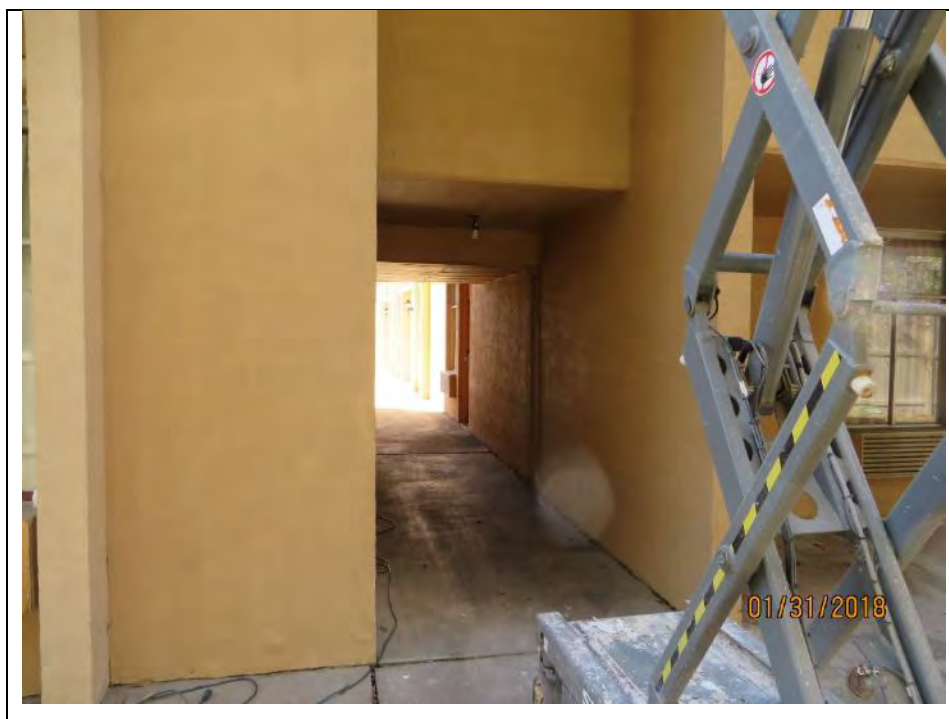


Figure 24. (KJS)

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Figure 25. (KJS)



Figure 26. (KJS)

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Figure 27. (KJS)

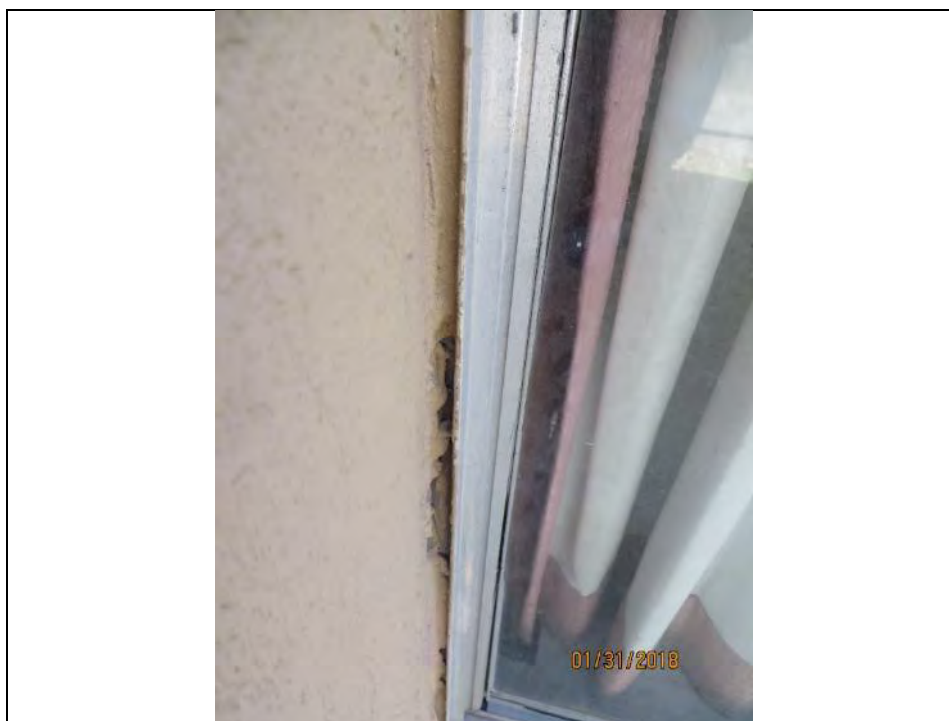


Figure 28. Window frame shifted in Rough opening (KJS)

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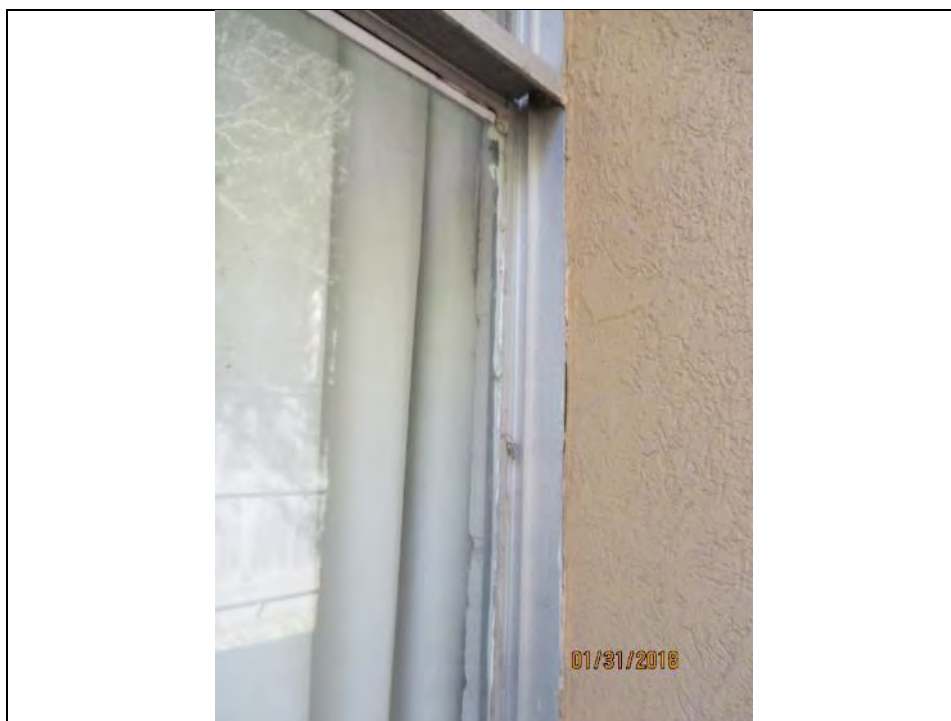


Figure 29. (KJS)

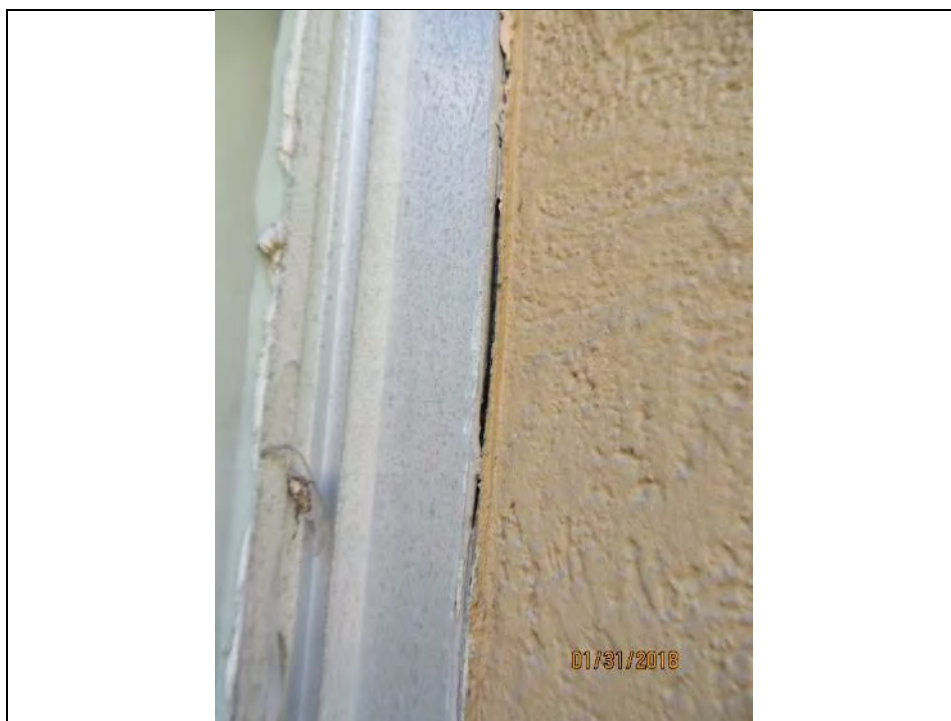


Figure 30. Window shifted in opening (KJS)

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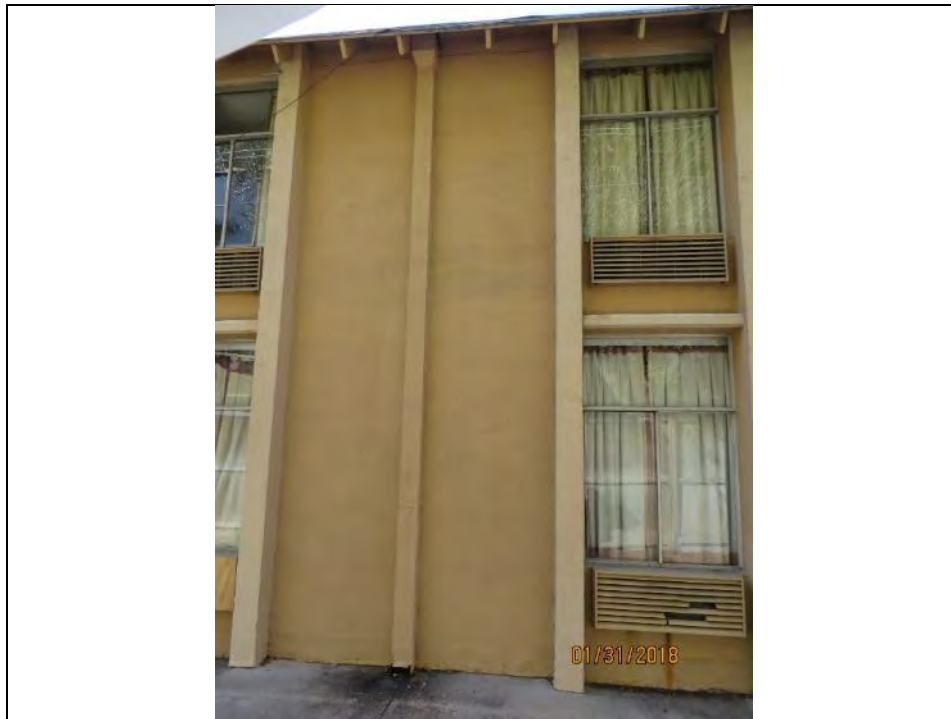


Figure 31. (KJS)



Figure 32. (KJS)

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Figure 33. Window shifted in opening (KJS)



Figure 34. Window shifted in opening (KJS)

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Figure 35. (KJS)



Figure 36. Corner miter opened KJS)

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Figure 37. (KJS)



Figure 38. (KJS)

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Figure 39. (KJS)



Figure 40. (KJS)

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Figure 41. (KJS)



Figure 42. (KJS)

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Figure 43. (KJS)



Figure 44. (KJS)

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Figure 45. (KJS)



Figure 46. (KJS)

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Figure 47. (KJS)



Figure 48. (KJS)

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Figure 49. (KJS)



Figure 50. (KJS)

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Figure 51. (KJS)



Figure 52. (KJS)

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Figure 53. (KJS)



Figure 54. (KJS)

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Figure 55. Glass slipped down (KJS)



Figure 56. (KJS)

Forensic Building Science, Inc.

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Figure 57. Bulging stucco (KJS)



Figure 58. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

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Figure 59. (KJS)



Figure 60. (KJS)

Forensic Building Science, Inc.

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Figure 61. (KJS)



Figure 62. (KJS)

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Figure 63. (KJS)



Figure 64. (KJS)

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Figure 65. (KJS)



Figure 66. (KJS)

Forensic Building Science, Inc.

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Figure 67. (KJS)

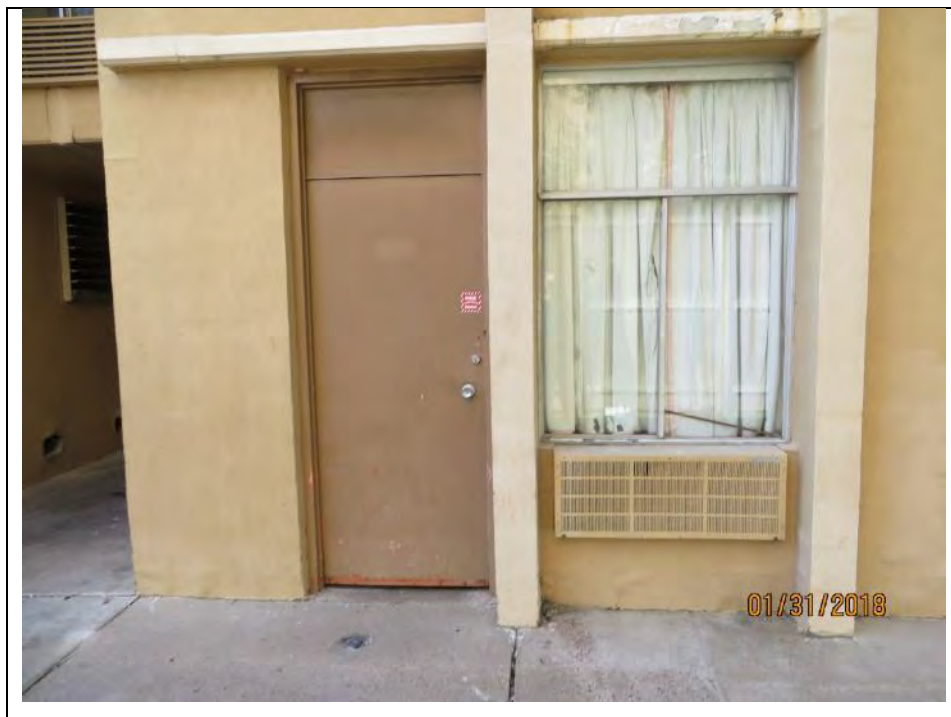


Figure 68. (KJS)

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Figure 69. Window pushed in (KJS)



Figure 70. Window movement (KJS)

Forensic Building Science, Inc.

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Figure 71. (KJS)



Figure 72. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

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Figure 73. Window damage (KJS)



Figure 74. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 75. (KJS)



Figure 76. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 77. (KJS)



Figure 78. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 79. (KJS)

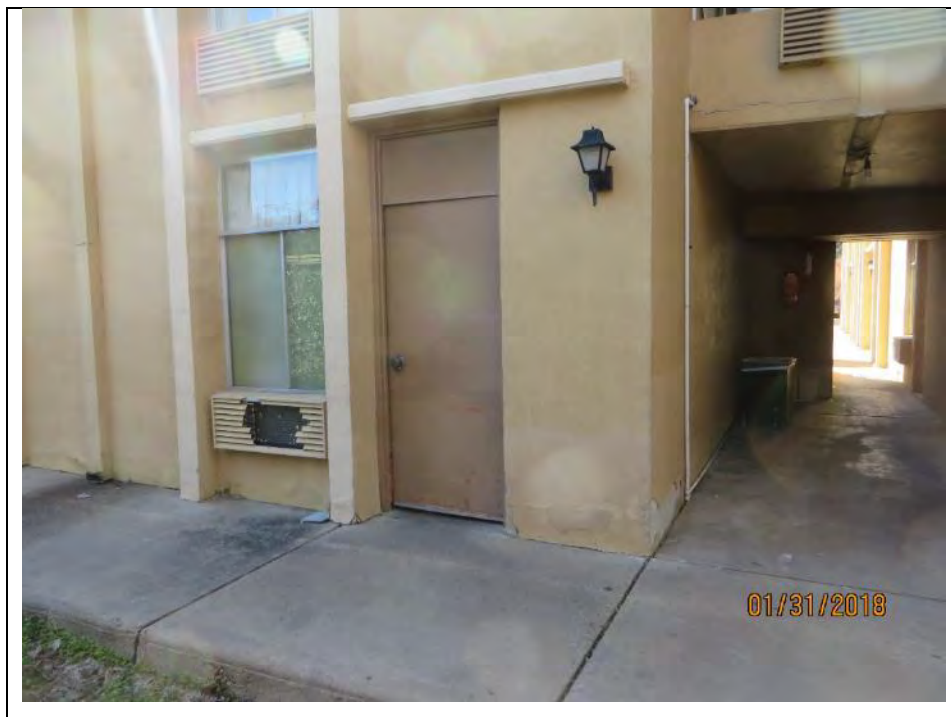


Figure 80. (KJS)

Forensic Building Science, Inc.

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Figure 81. (KJS)



Figure 82. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 83. (KJS)



Figure 84. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 85. (KJS)



Figure 86. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 87. (KJS)



Figure 88. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 89. (KJS)



Figure 90. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

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Figure 91. Window separation (KJS)



Figure 92. (KJS)

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Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

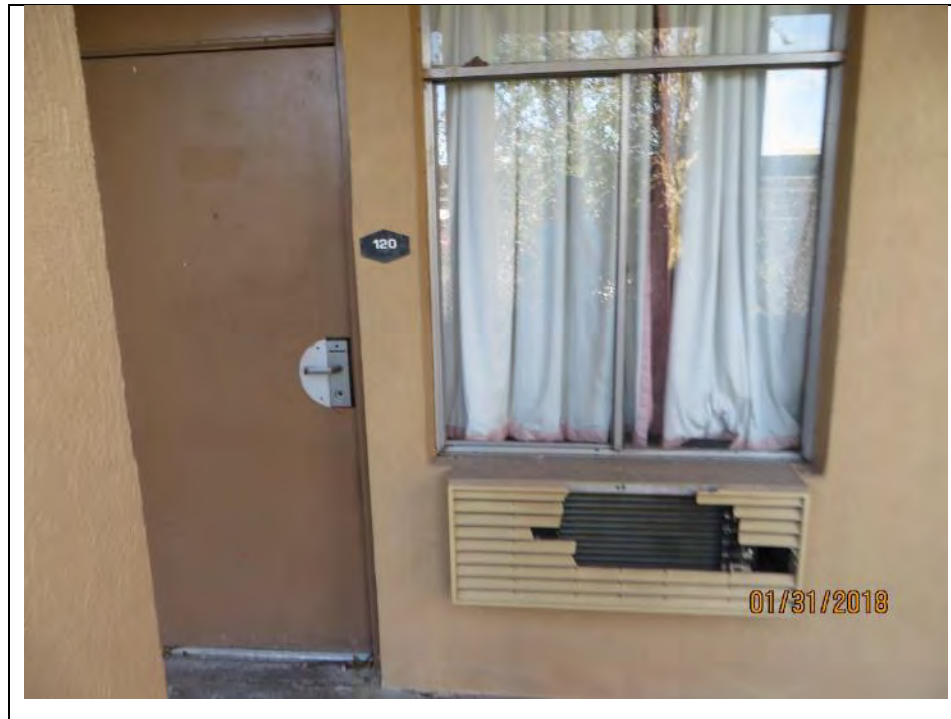


Figure 93. (KJS)

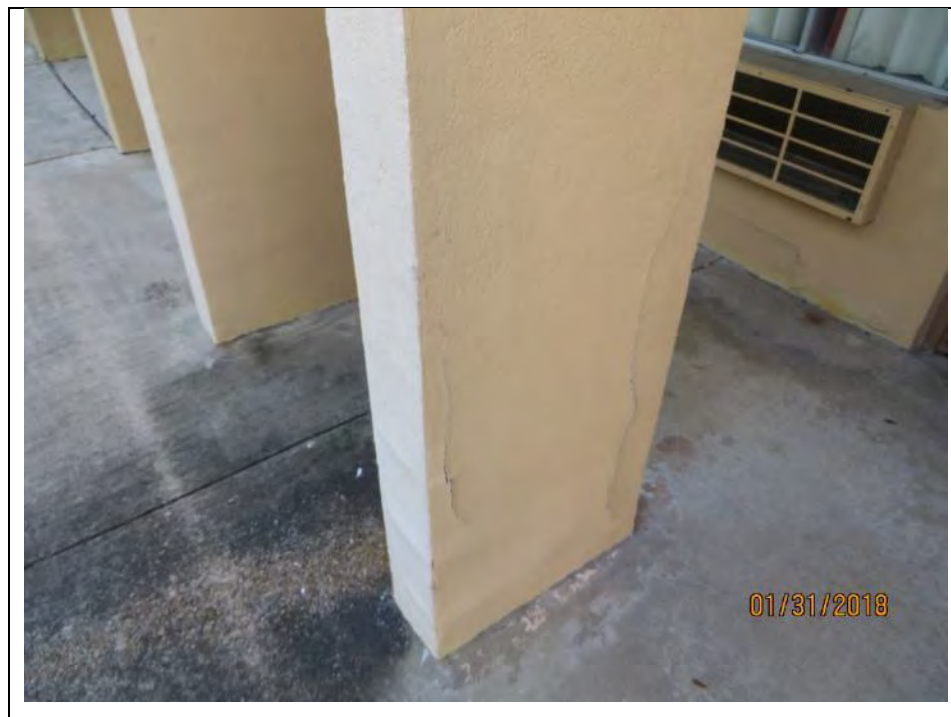


Figure 94. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 95. (KJS)



Figure 96. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

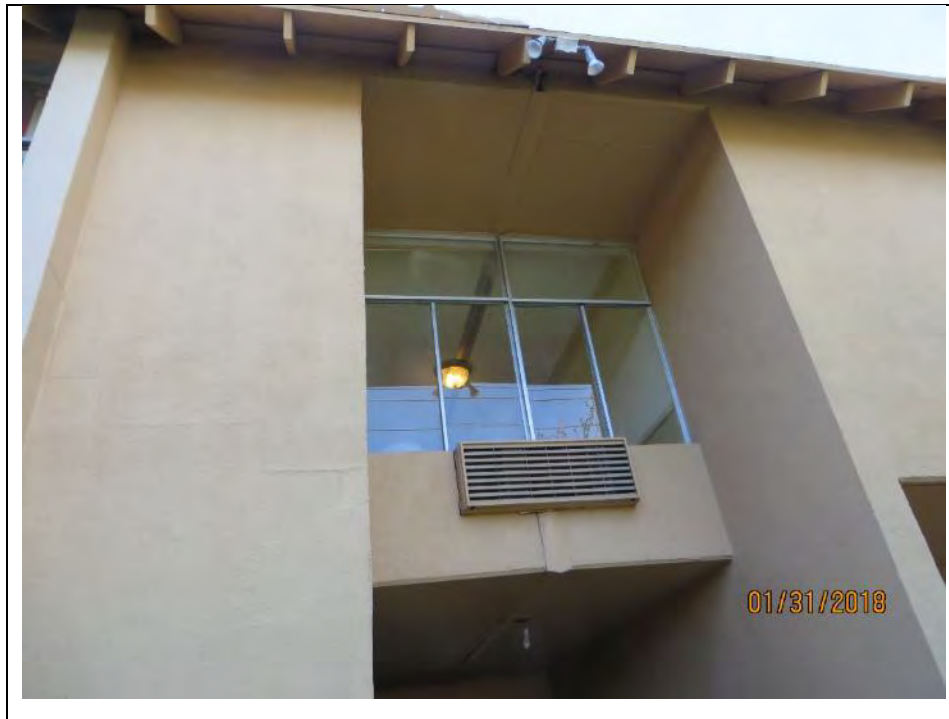


Figure 97. (KJS)



Figure 98. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 99. (KJS)



Figure 100. Window separation (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 101. (KJS)



Figure 102. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 103. (KJS)



Figure 104. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

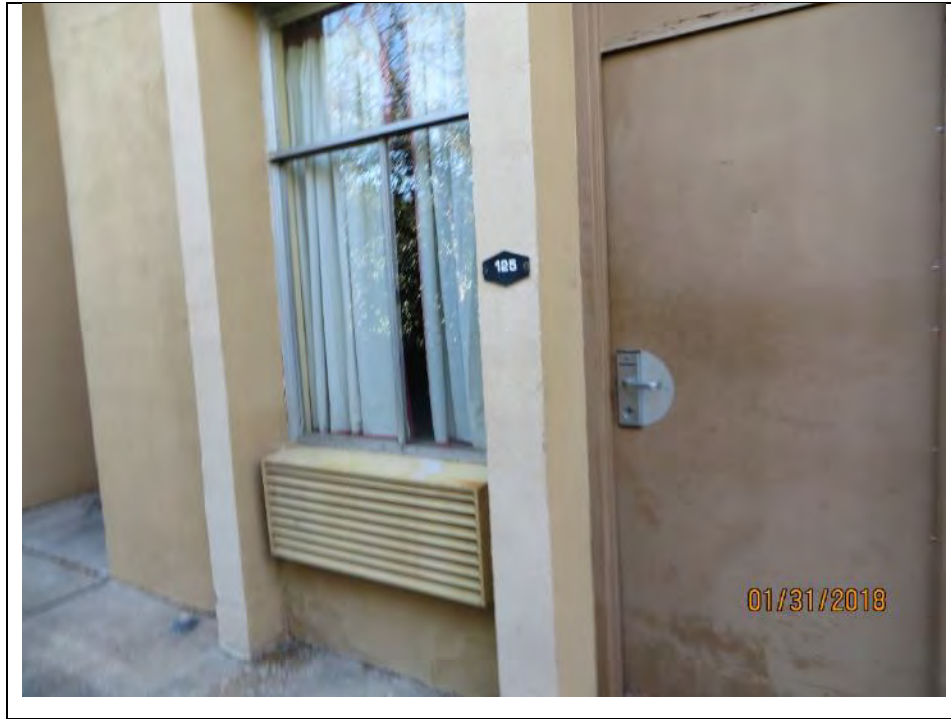


Figure 105. (KJS)



Figure 106. Window separation (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

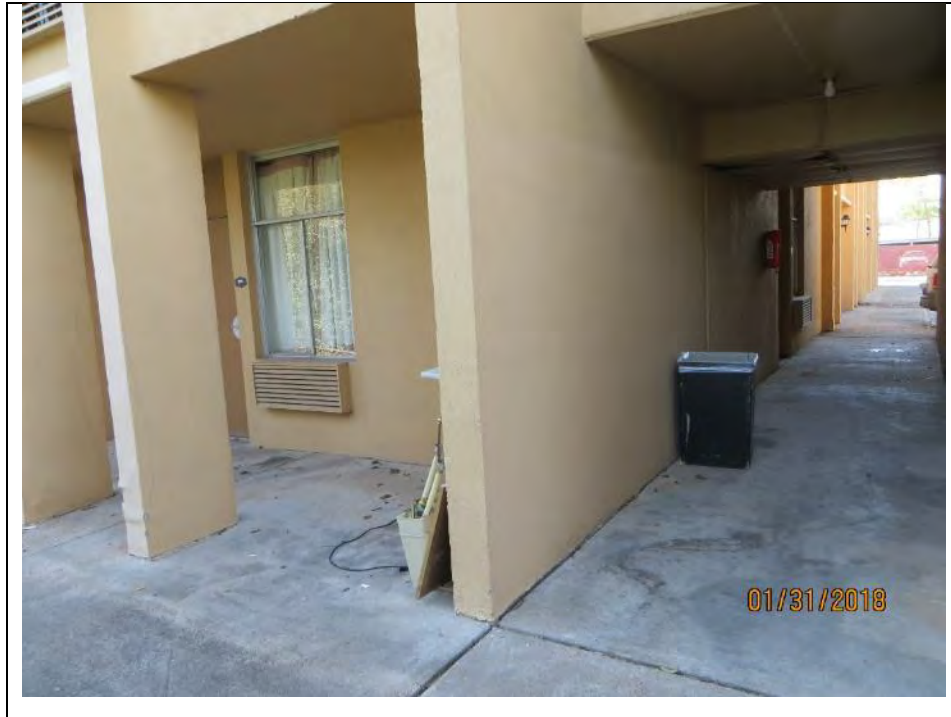


Figure 107. (KJS)

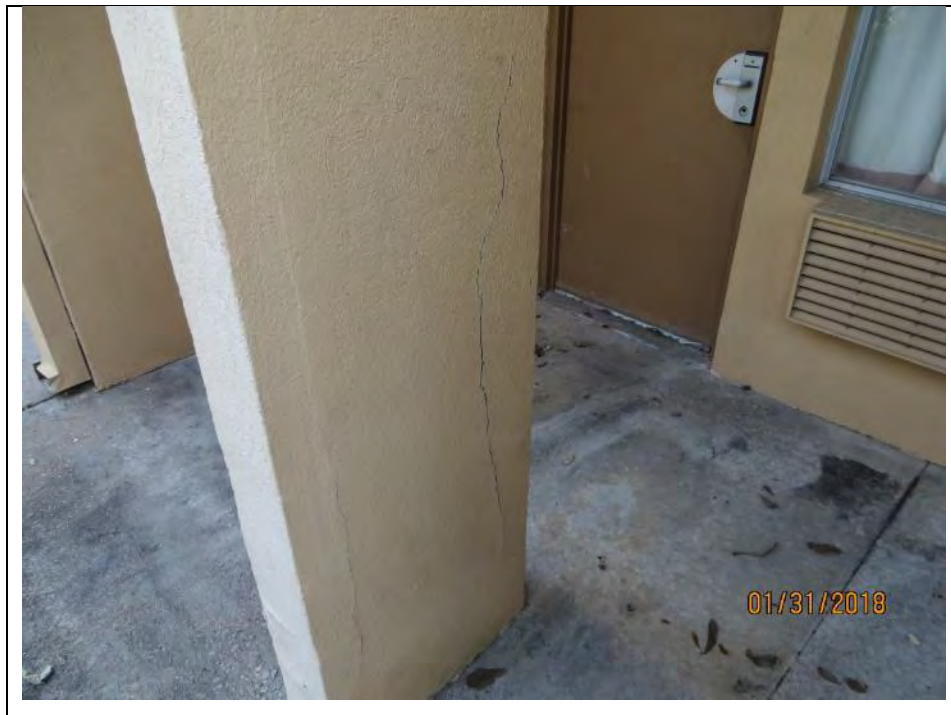


Figure 108. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

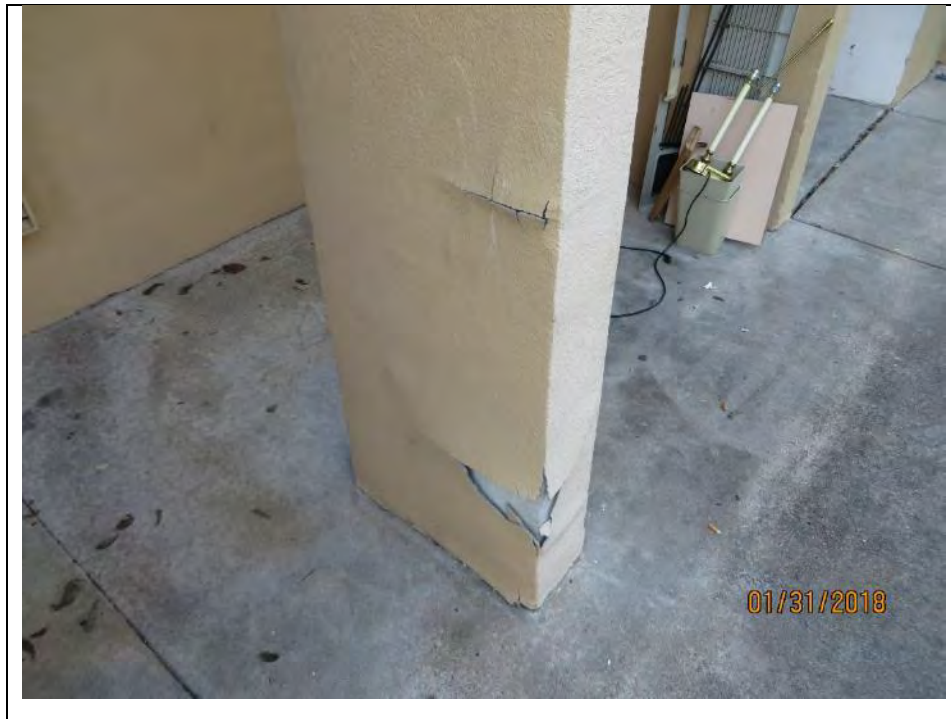


Figure 109. Stucco damage (KJS)



Figure 110. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 111. (KJS)

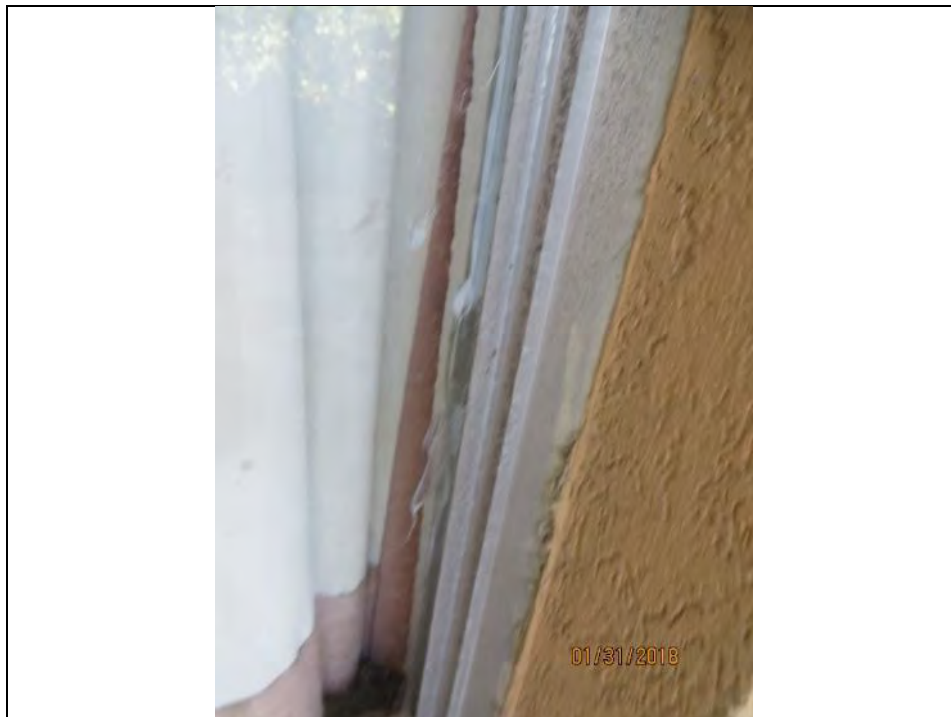


Figure 112. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 113. (KJS)



Figure 114. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 115. Damaged stucco (KJS)



Figure 116. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 117. (KJS)



Figure 118. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 119. (KJS)



Figure 120. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 121. (KJS)



Figure 122. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 123. (KJS)



Figure 124. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 125. (KJS)



Figure 126. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 127. (KJS)



Figure 128. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

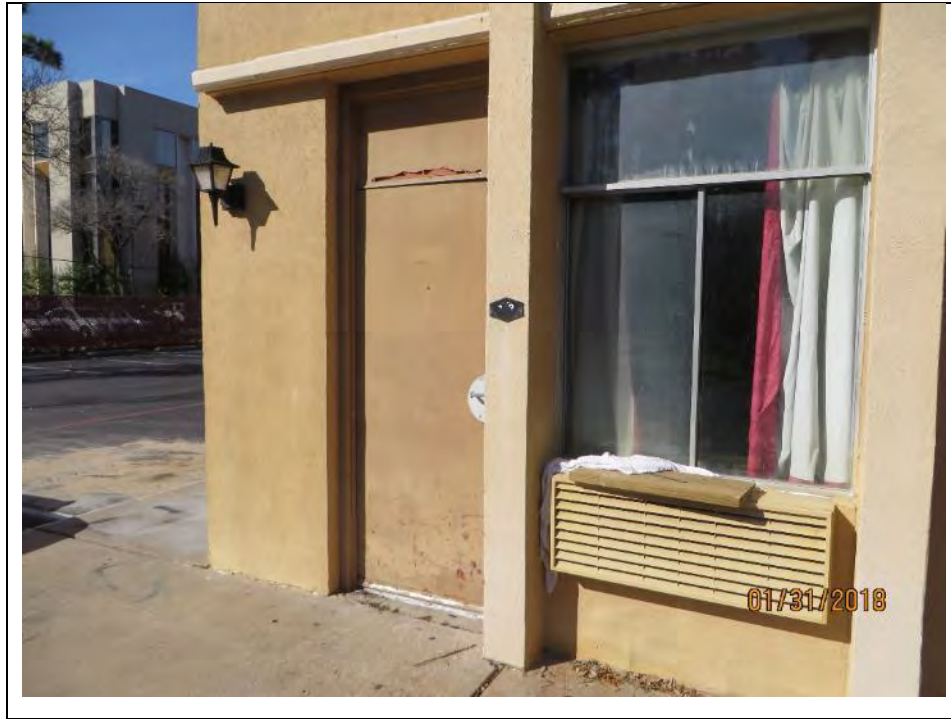


Figure 129. (KJS)



Figure 130. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 131. (KJS)



Figure 132. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 133. (KJS)



Figure 134. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 135. (KJS)



Figure 136. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 137. (KJS)



Figure 138. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 139. Window movement (KJS)



Figure 140. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 141. (KJS)



Figure 142. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 143. (KJS)



Figure 144. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

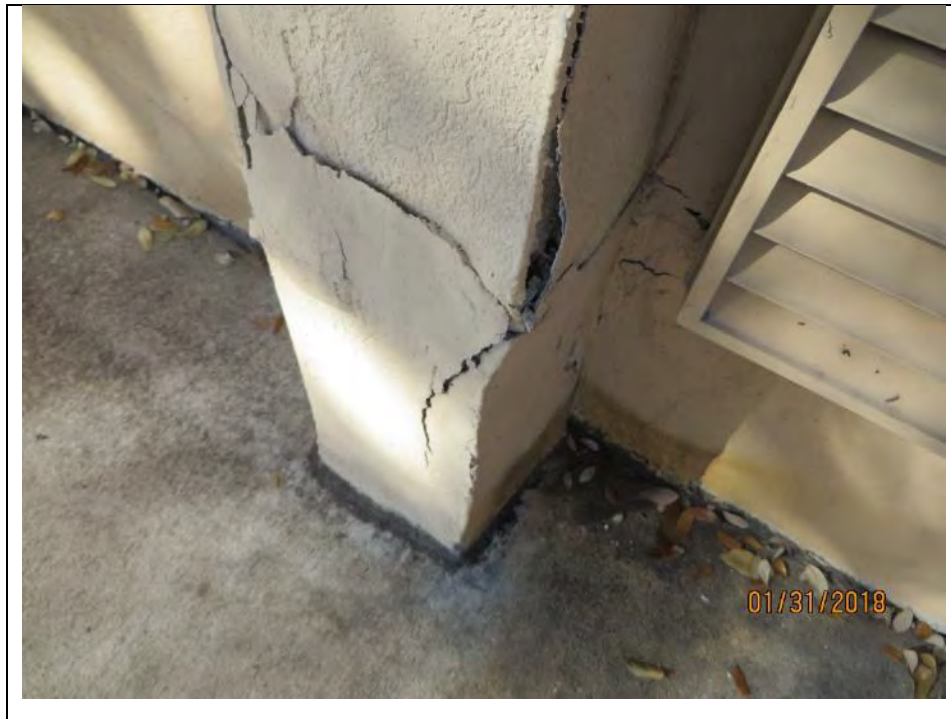


Figure 145. (KJS)



Figure 146. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 147. (KJS)



Figure 148. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 149. (KJS)



Figure 150. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 151. (KJS)



Figure 152. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 153. (KJS)



Figure 154. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

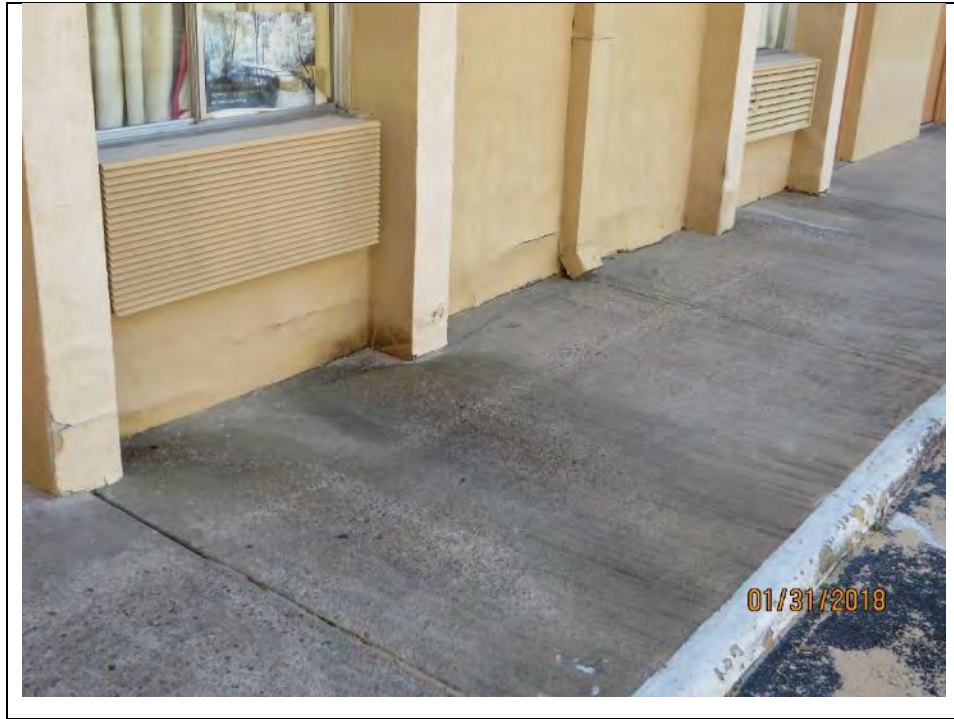


Figure 155. (KJS)



Figure 156. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

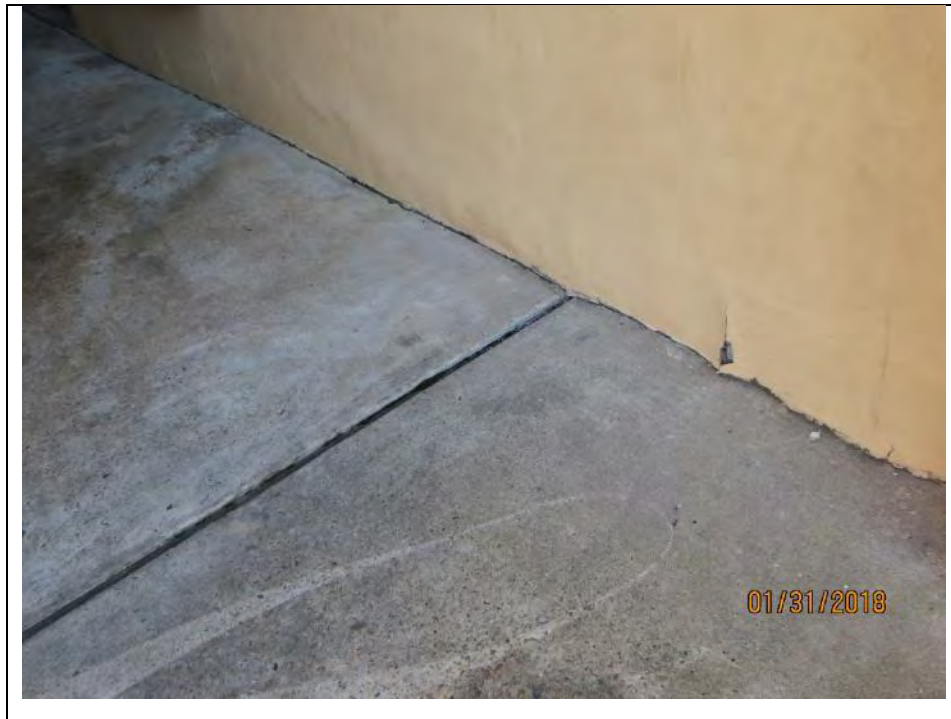


Figure 157. (KJS)

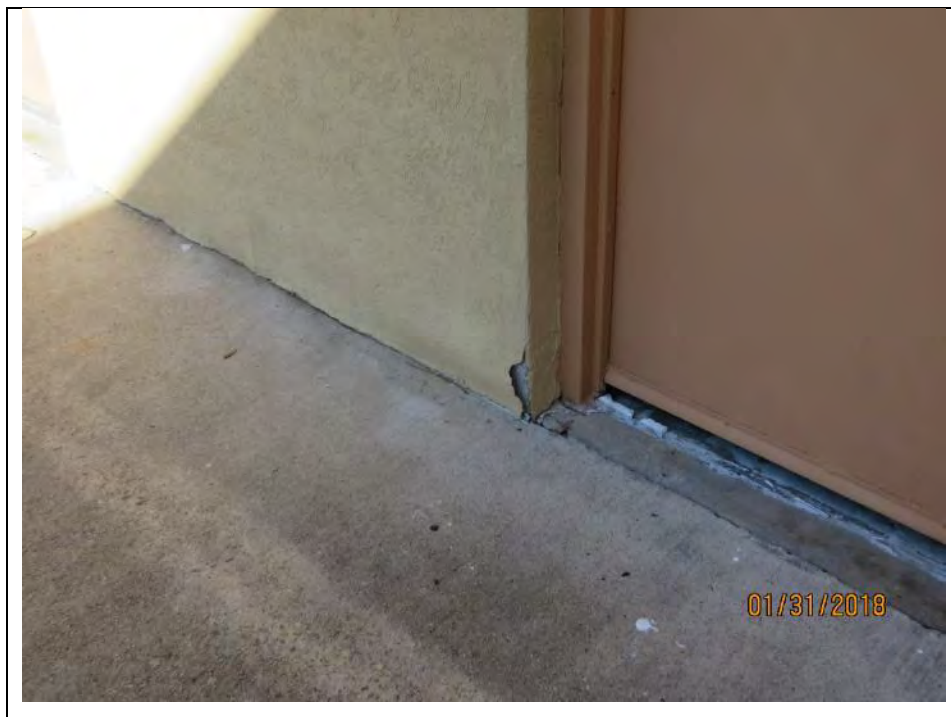


Figure 158. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 159. (KJS)



Figure 160. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 161. (KJS)



Figure 162. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 163. (KJS)



Figure 164. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 165. (KJS)



Figure 166. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 167. (KJS)



Figure 168. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 169. (KJS)



Figure 170. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 171. (KJS)



Figure 172. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 173. (KJS)



Figure 174. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

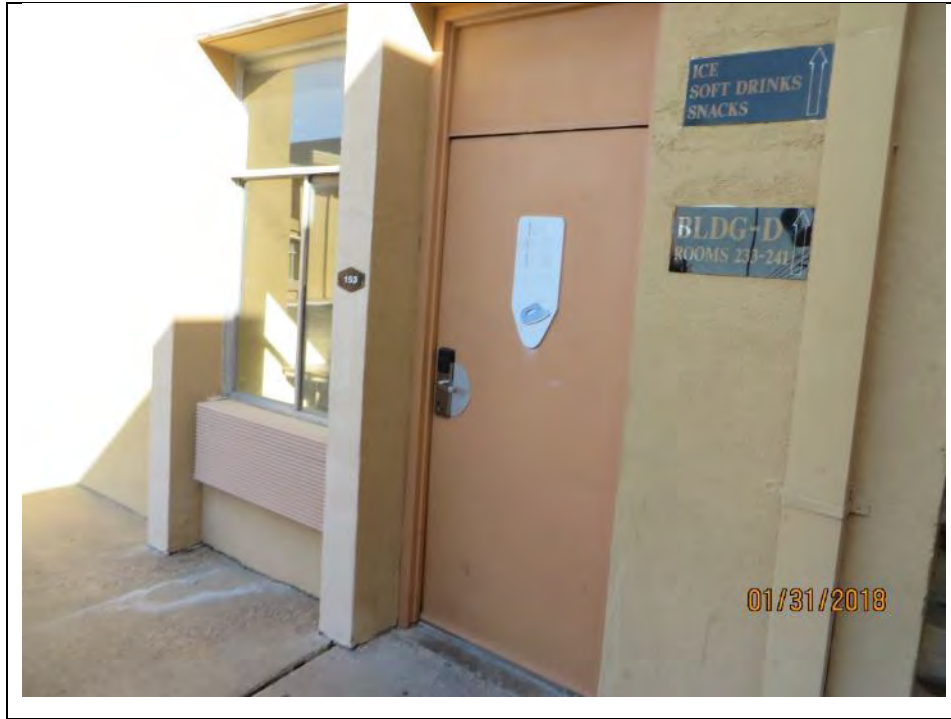


Figure 175. (KJS)

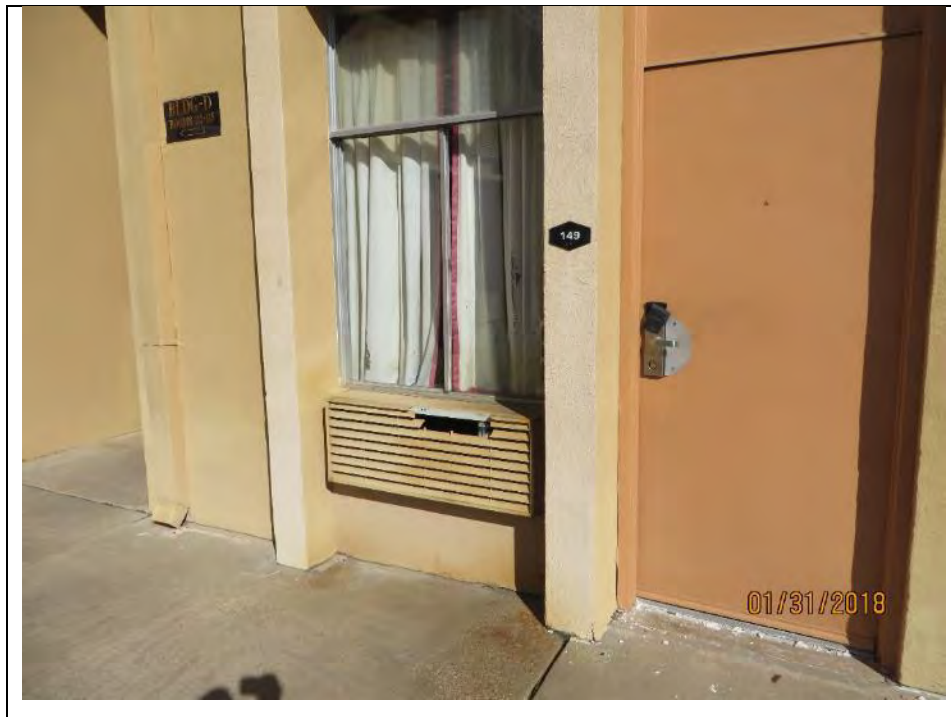


Figure 176. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 177. (KJS)



Figure 178. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 179. (KJS)



Figure 180. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 181. (KJS)



Figure 182. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

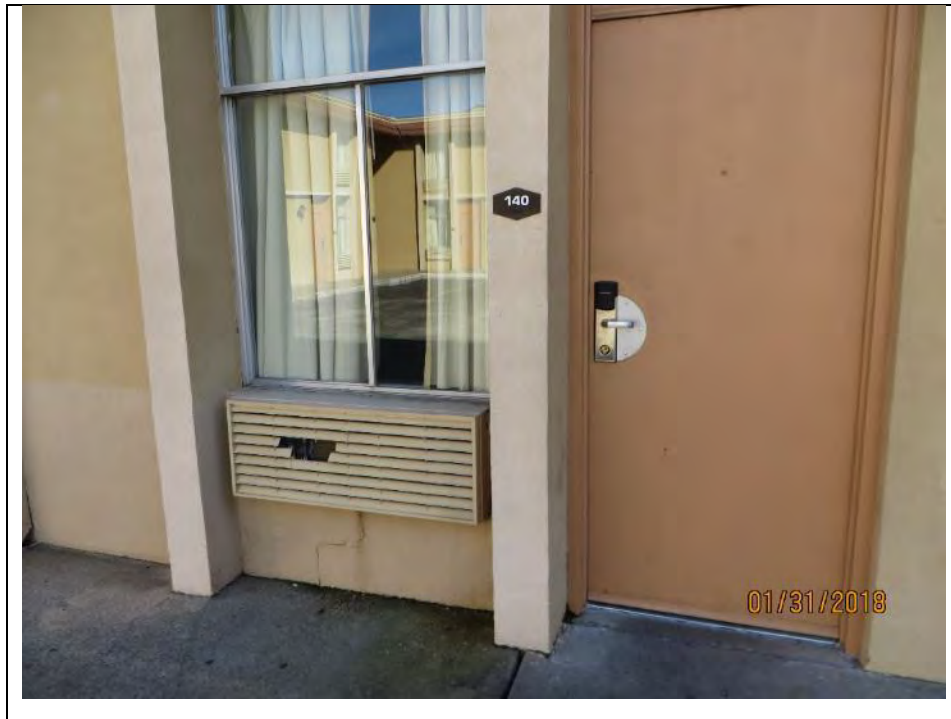


Figure 183. (KJS)



Figure 184. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 185. (KJS)



Figure 186. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 187. (KJS)



Figure 188. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

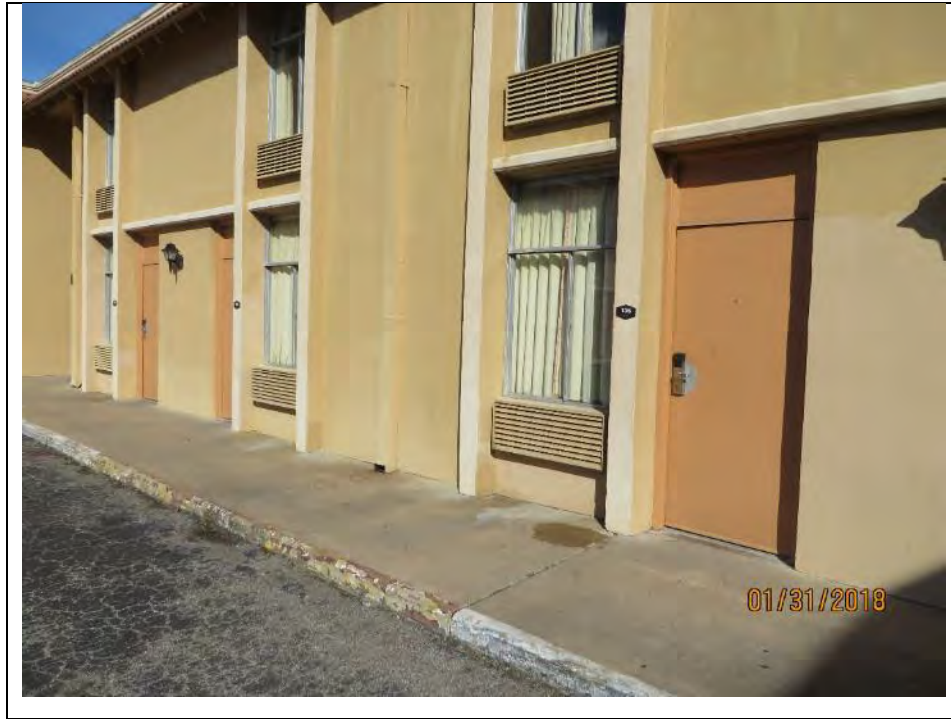


Figure 189. (KJS)



Figure 190. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 191. (KJS)



Figure 192. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 193. (KJS)



Figure 194. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 195. (KJS)



Figure 196. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 197. (KJS)



Figure 198. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 199. (KJS)



Figure 200. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 201. (KJS)



Figure 202. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 203. (KJS)



Figure 204. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 205. (KJS)



Figure 206. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 207. (KJS)



Figure 208. Temp repairs (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

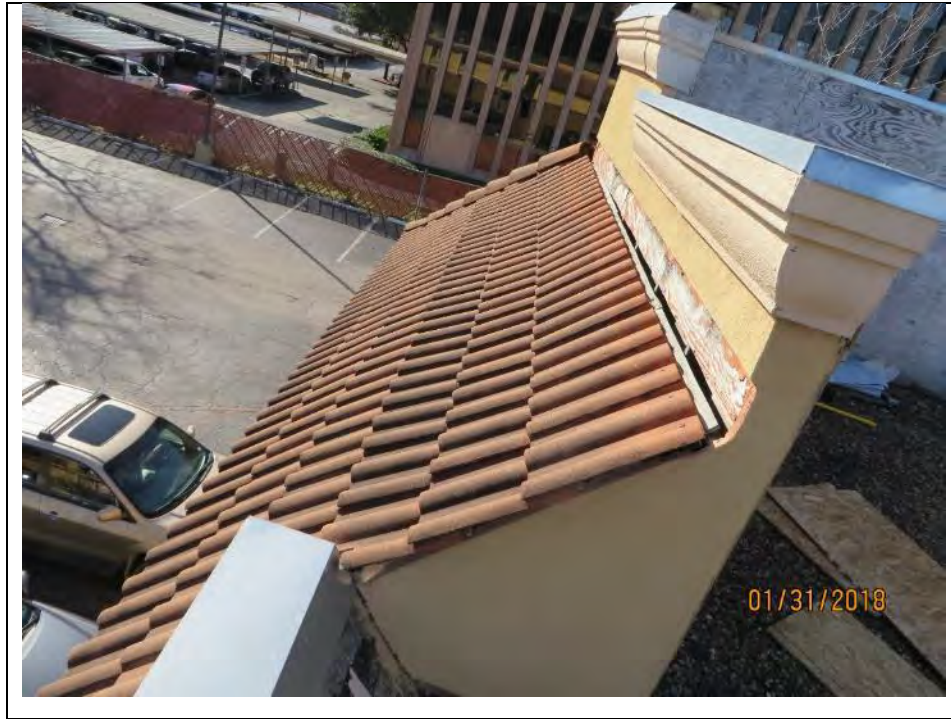


Figure 209. (KJS)



Figure 210. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 211. (KJS)



Figure 212. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 213. (KJS)



Figure 214. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 215. (KJS)



Figure 216. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 217. (KJS)



Figure 218. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 219. (KJS)



Figure 220. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 221. (KJS)



Figure 222. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 223. (KJS)



Figure 224. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 225. (KJS)

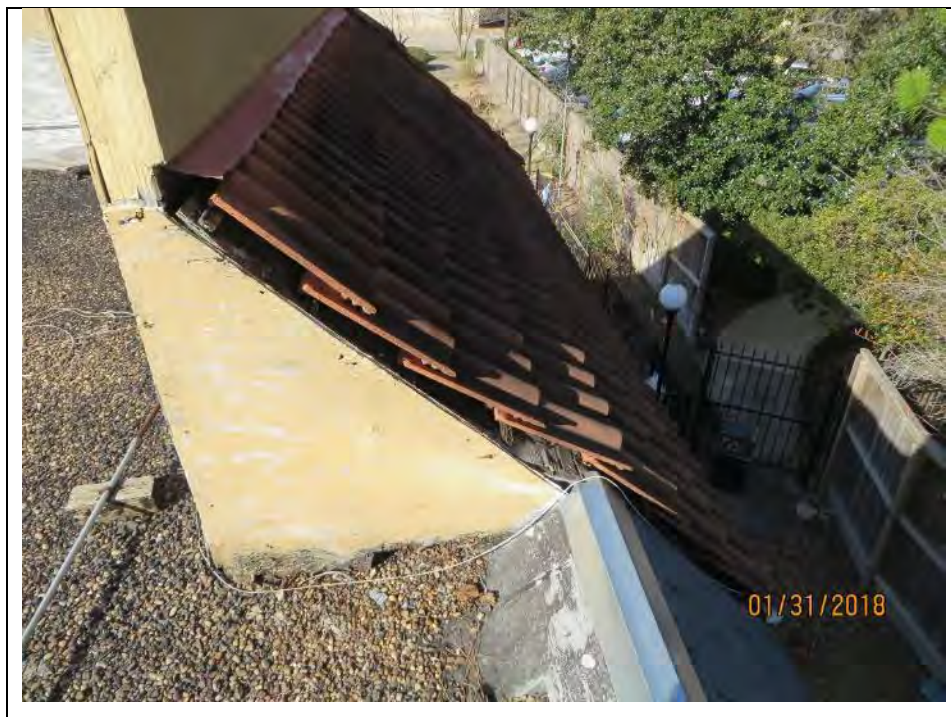


Figure 226. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

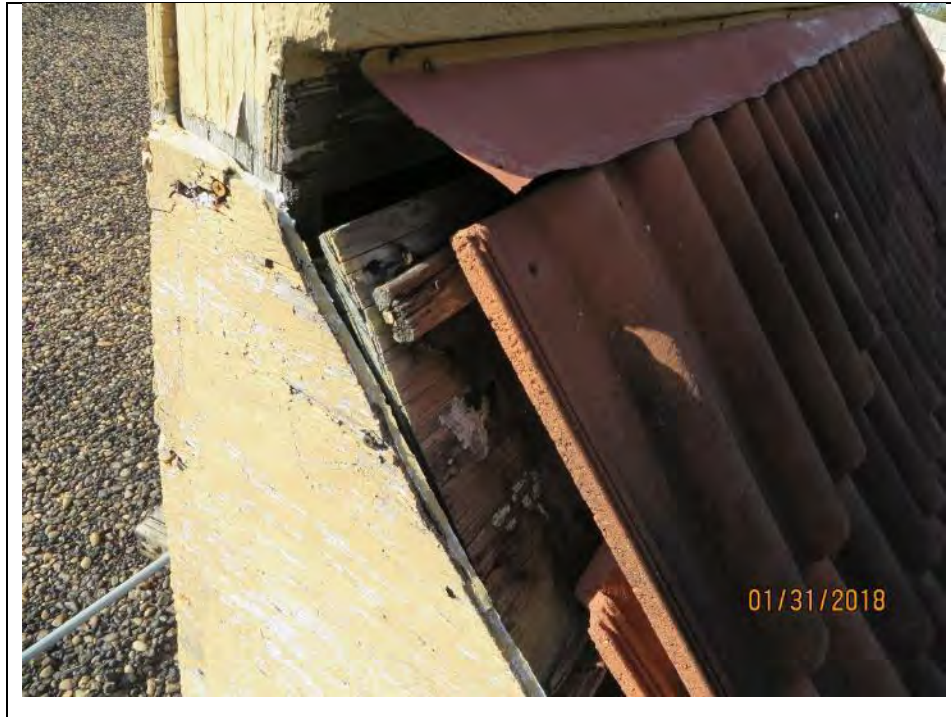


Figure 227. (KJS)



Figure 228. Cap sheet lifted (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 229. (KJS)



Figure 230. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 231. Temporary repair (KJS)



Figure 232. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 233. (KJS)



Figure 234. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 235. (KJS)

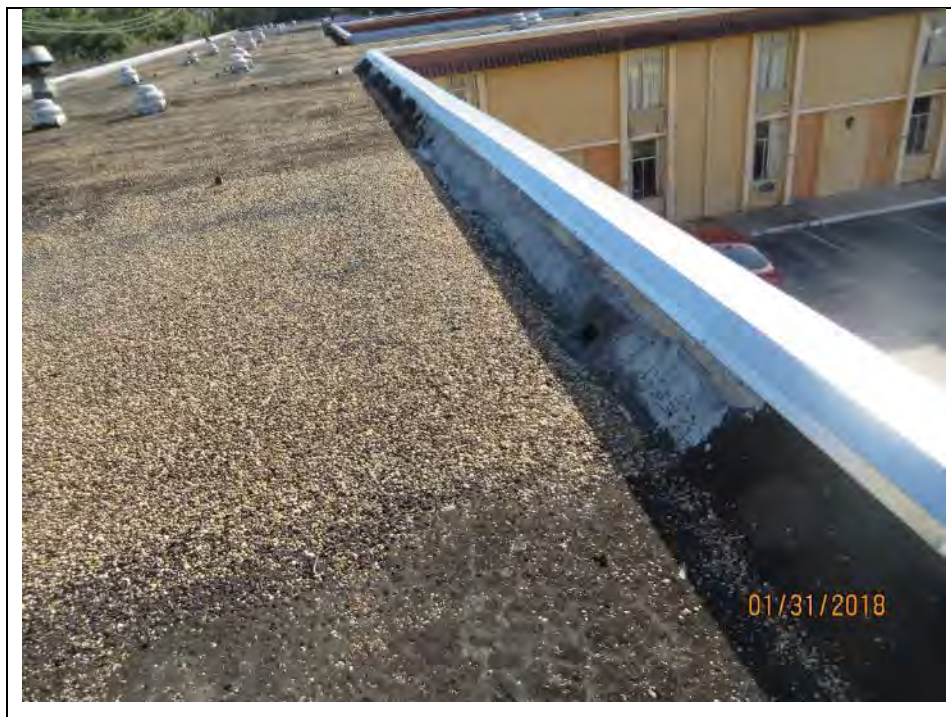


Figure 236. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 237. (KJS)



Figure 238. After storm repair (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 239. (KJS)



Figure 240. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

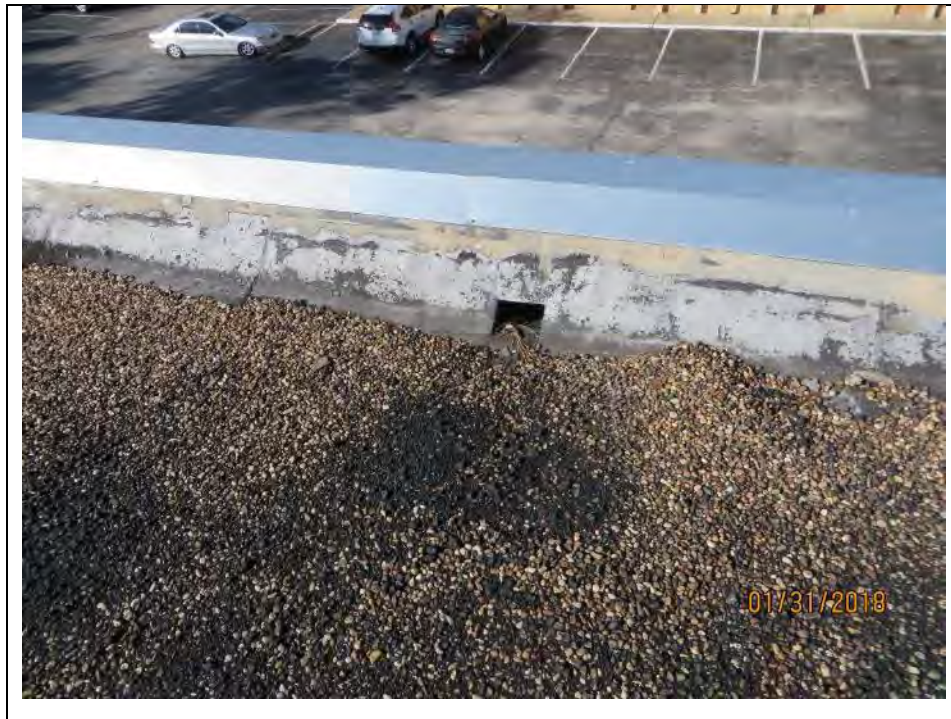


Figure 241. (KJS)



Figure 242. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 243. (KJS)



Figure 244. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 245. (KJS)



Figure 246. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 247. (KJS)



Figure 248. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 249. (KJS)



Figure 250. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 251. (KJS)



Figure 252. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

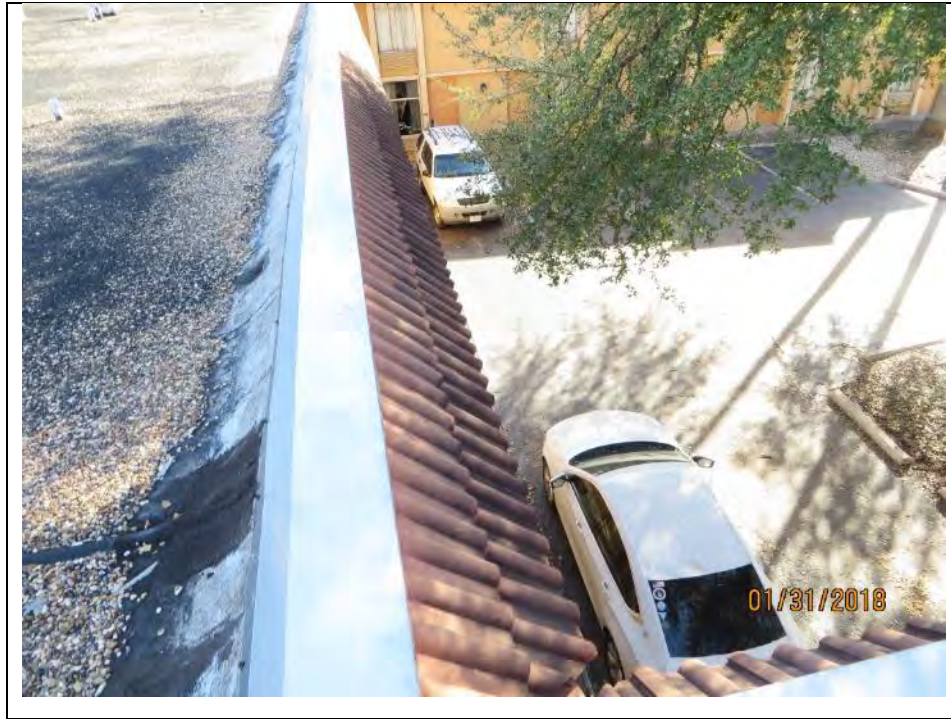


Figure 253. (KJS)

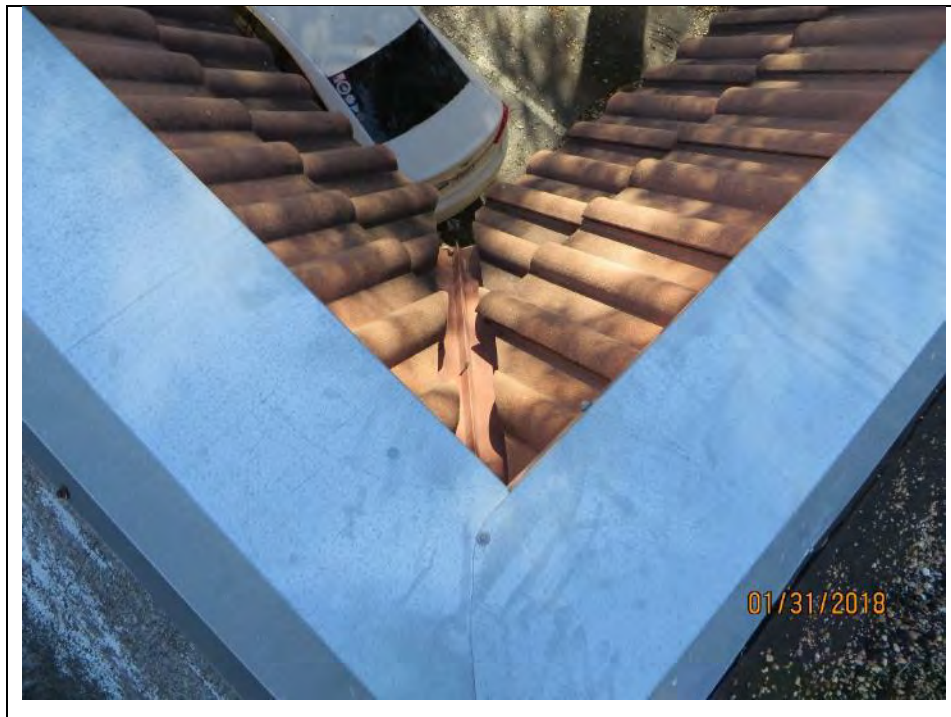


Figure 254. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 255. (KJS)



Figure 256. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 257. (KJS)



Figure 258. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 259. Cap displaced by wind (KJS)



Figure 260. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 261. (KJS)



Figure 262. Parapet tipped in after event (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 263. (KJS)



Figure 264. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024

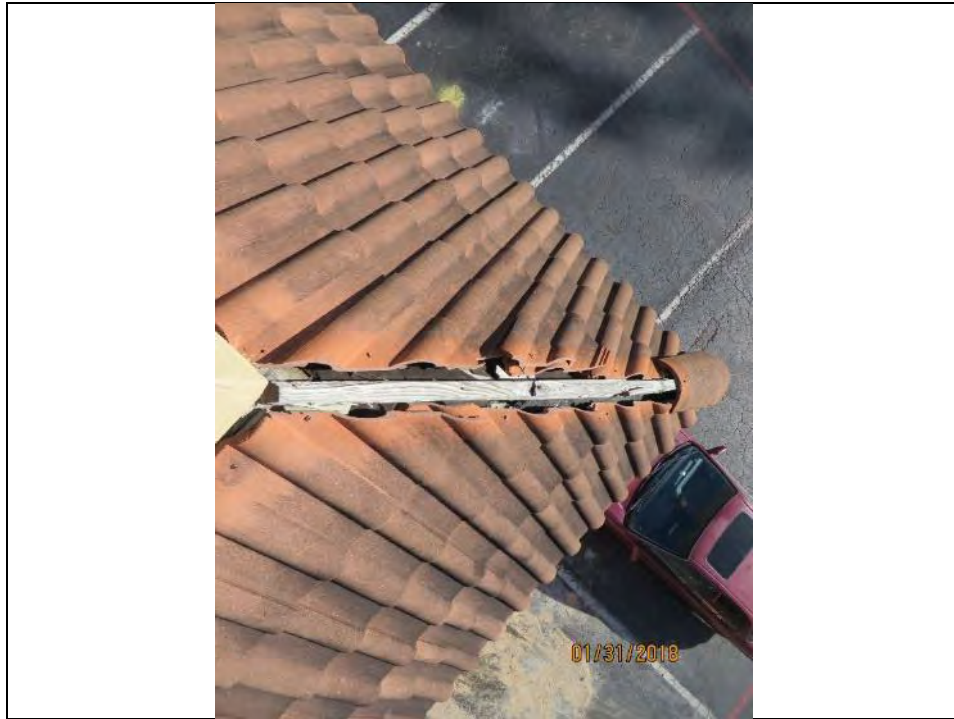


Figure 265. (KJS)

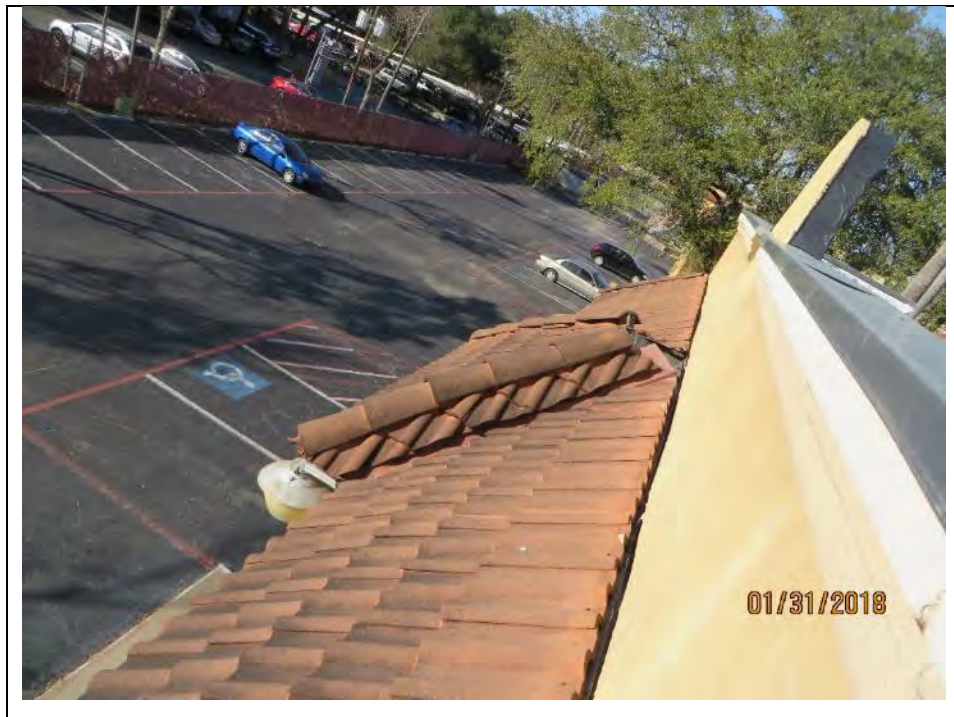


Figure 266. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 267. (KJS)

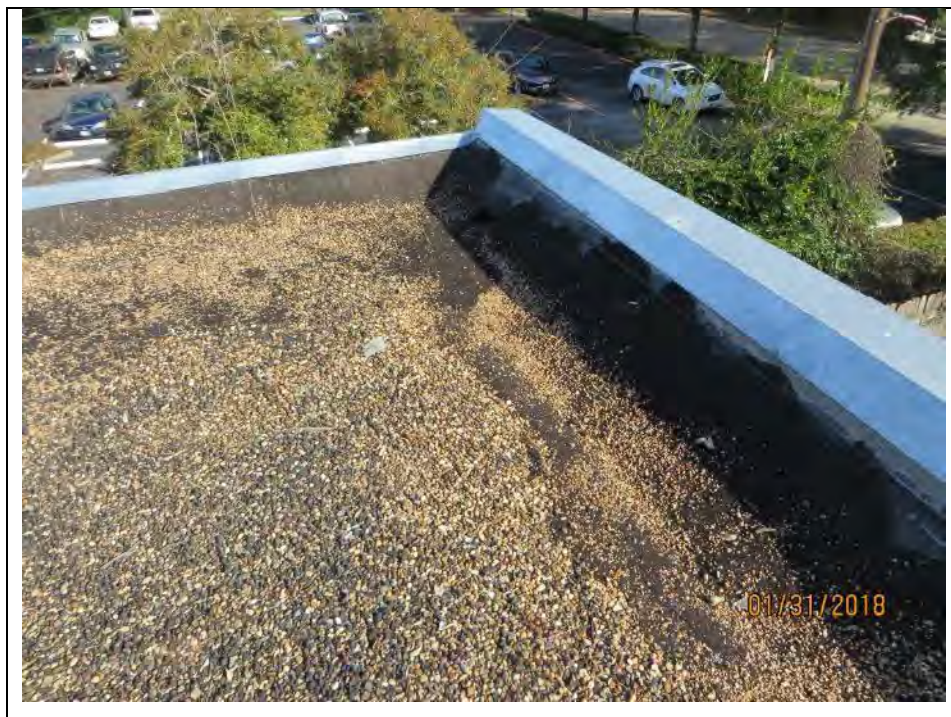


Figure 268. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 269. (KJS)



Figure 270. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 271. (KJS)



Figure 272. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 273. (KJS)



Figure 274. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 275. (KJS)



Figure 276. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 277. (KJS)



Figure 278. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 279. (KJS)



Figure 280. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 281. (KJS)



Figure 282. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 283. (KJS)



Figure 284. Separation of cap sheet (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 285. (KJS)



Figure 286. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 287. (KJS)



Figure 288. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 289. (KJS)



Figure 290. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 291. (KJS)



Figure 292. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 293. (KJS)



Figure 294. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 295. (KJS)



Figure 296. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 297. (KJS)



Figure 298. Wet (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 299. (KJS)



Figure 300. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX 77024



Figure 301. (KJS)



Figure 302. (KJS)

Forensic Building Science, Inc.

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Figure 303. Wet (KJS)

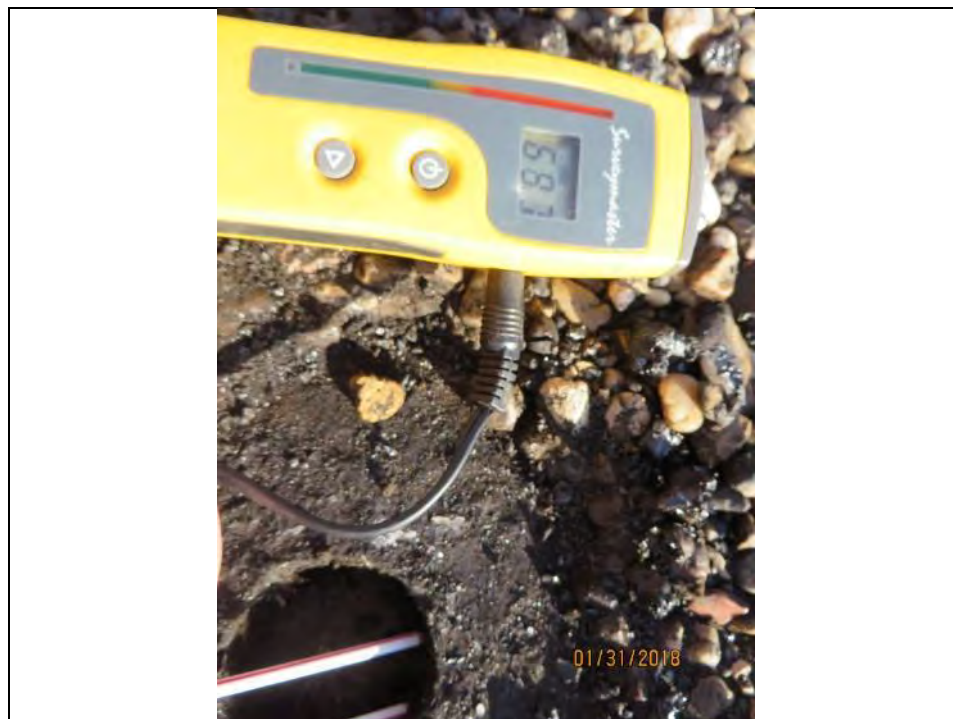


Figure 304. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

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Figure 305. (KJS)



Figure 306. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

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Figure 307. (KJS)

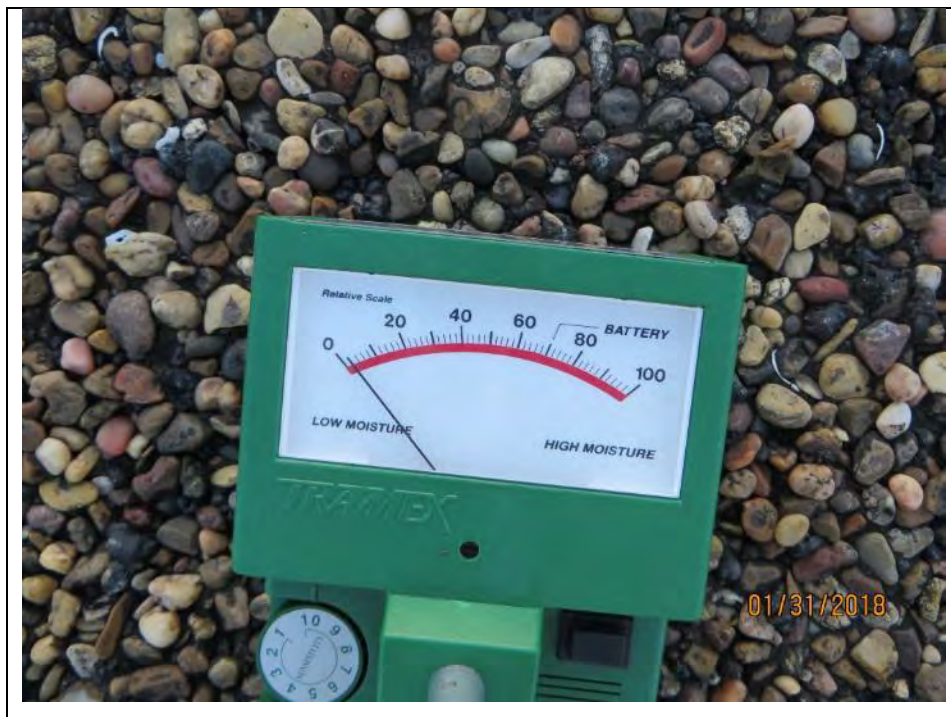


Figure 308. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

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Figure 309. (KJS)



Figure 310. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

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Figure 311. (KJS)



Figure 312. (KJS)

Forensic Building Science, Inc.

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Figure 313. (KJS)



Figure 314. (KJS)

Forensic Building Science, Inc.

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Figure 315. (KJS)

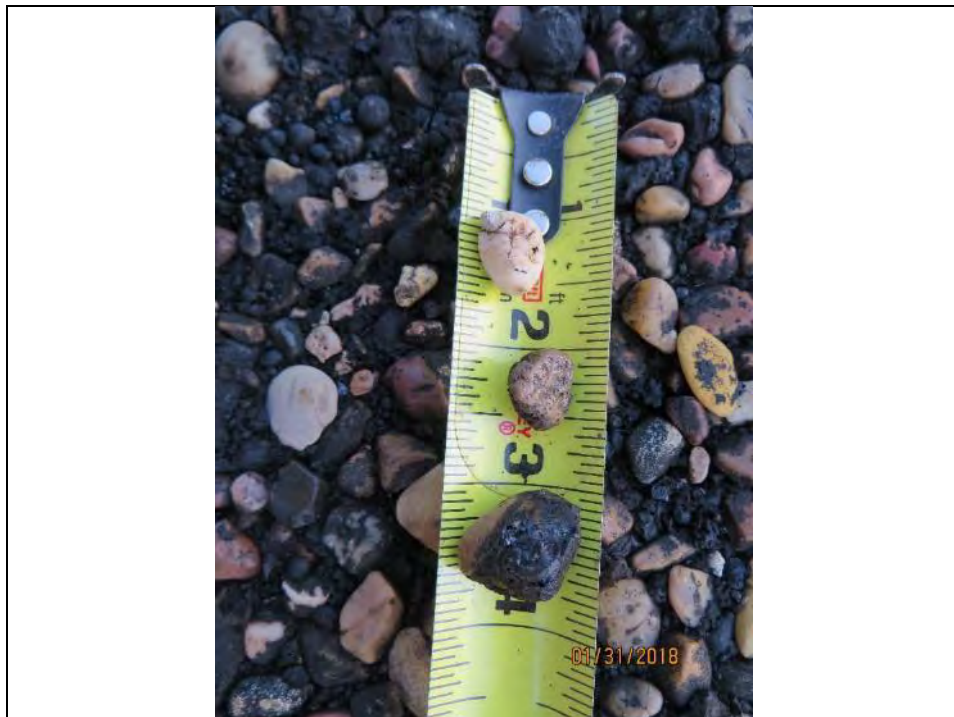


Figure 316. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

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Figure 317. Wet (KJS)

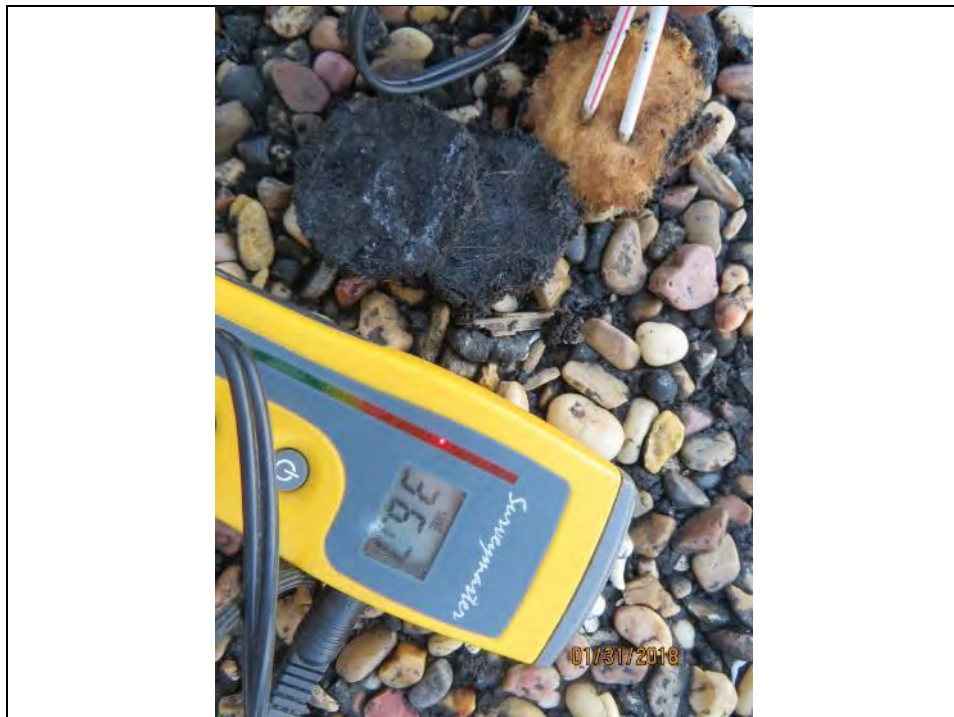


Figure 318. (KJS)

Forensic Building Science, Inc.

Photo Log – January 31, 2018

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Figure 319. (KJS)

Forensic Building Science, Inc.

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Figure 01. (KJS)



Figure 02. Elevated moisture (KJS)

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Figure 03. Location of reading in previous photo. (KJS)



Figure 04. Core to be performed at location of high moisture reading. (KJS)

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Figure 05. (KJS)



Figure 06. (KJS)

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Figure 07. (KJS)



Figure 08. (KJS)

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Figure 09. Sample wet (KJS)



Figure 10. (KJS)

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Figure 11. (KJS)

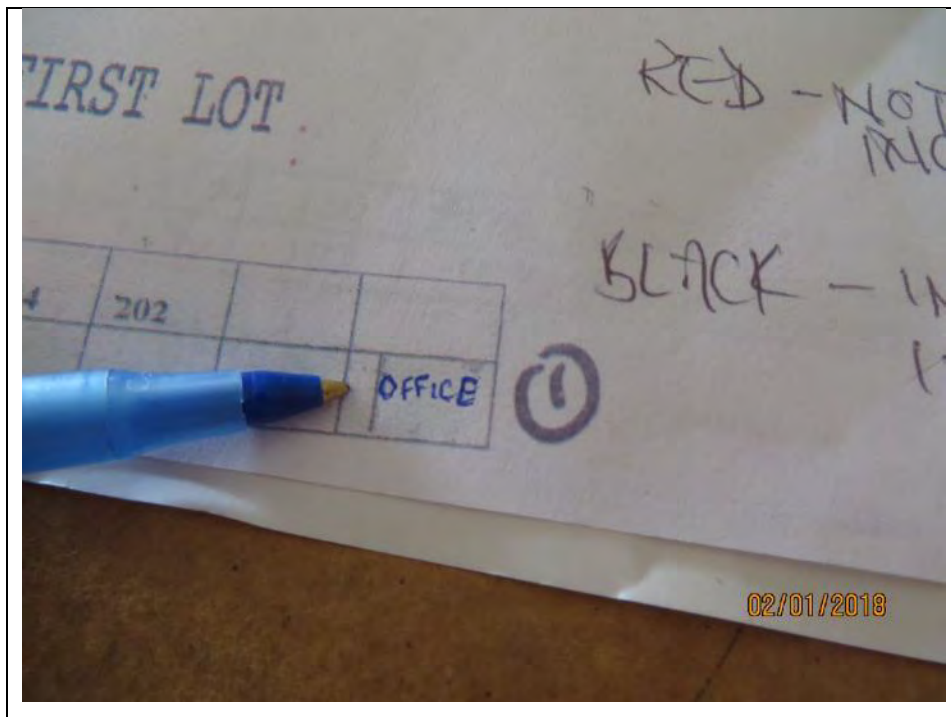


Figure 12. (KJS)

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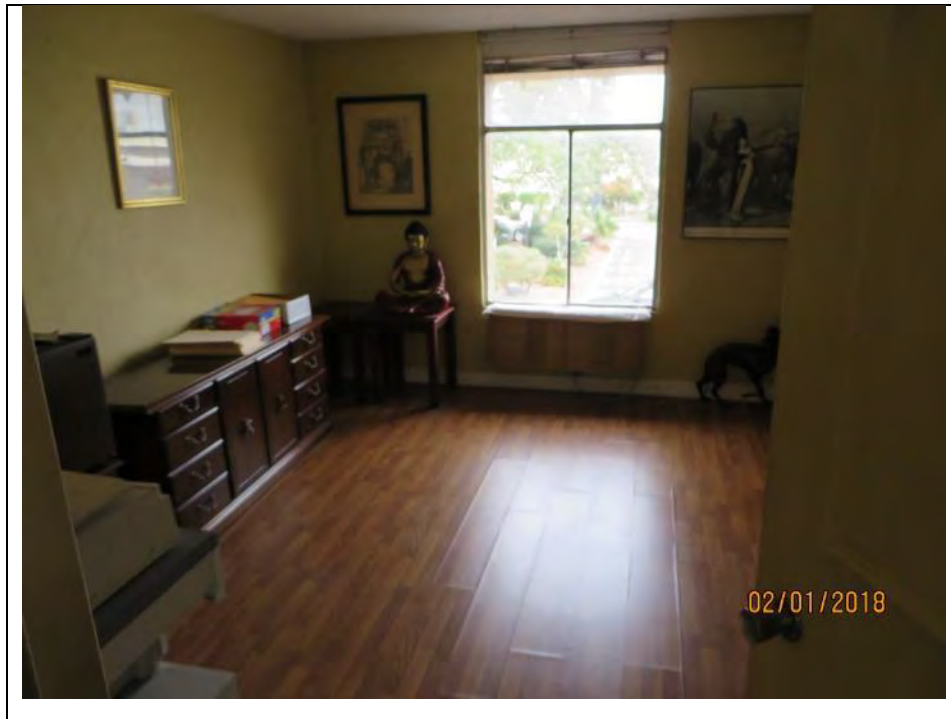


Figure 13. (KJS)



Figure 14. Laminate floor buckled (KJS)

Forensic Building Science, Inc.

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Figure 15. (KJS)



Figure 16. (KJS)

Forensic Building Science, Inc.

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Figure 17. (KJS)



Figure 18. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 19. (KJS)



Figure 20. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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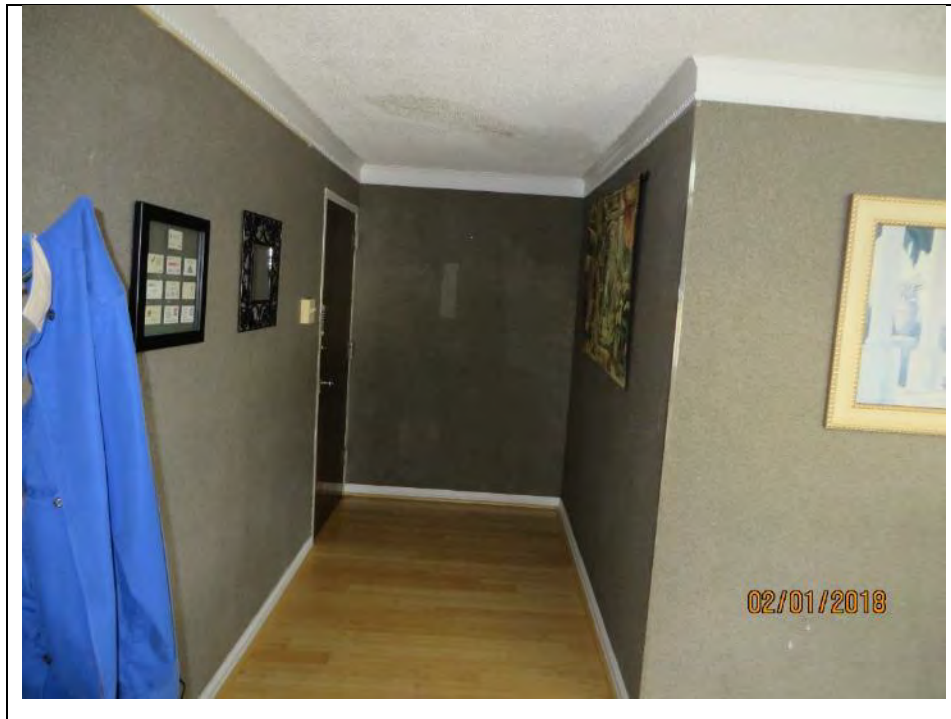


Figure 21. (KJS)



Figure 22. (KJS)

Forensic Building Science, Inc.

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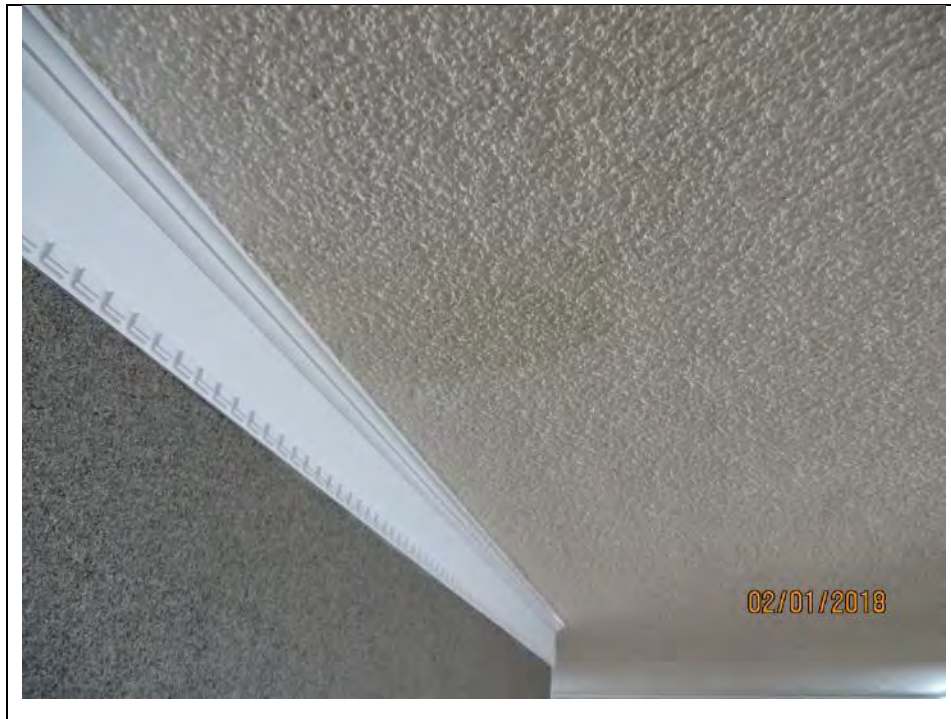


Figure 23. Typical water damage after storm (KJS)



Figure 24. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

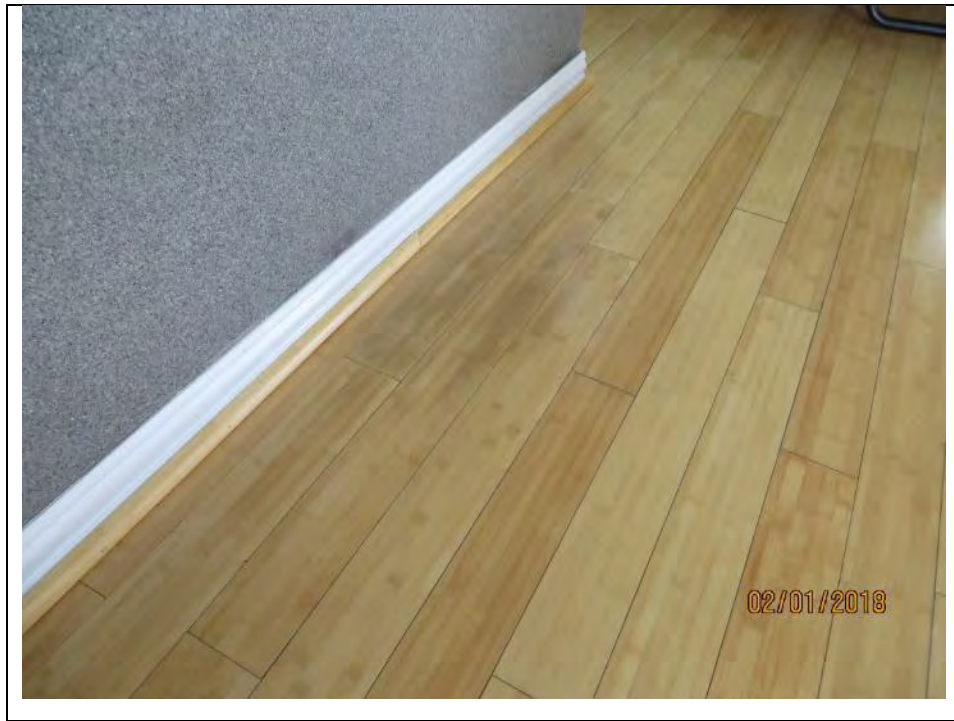


Figure 25. (KJS)

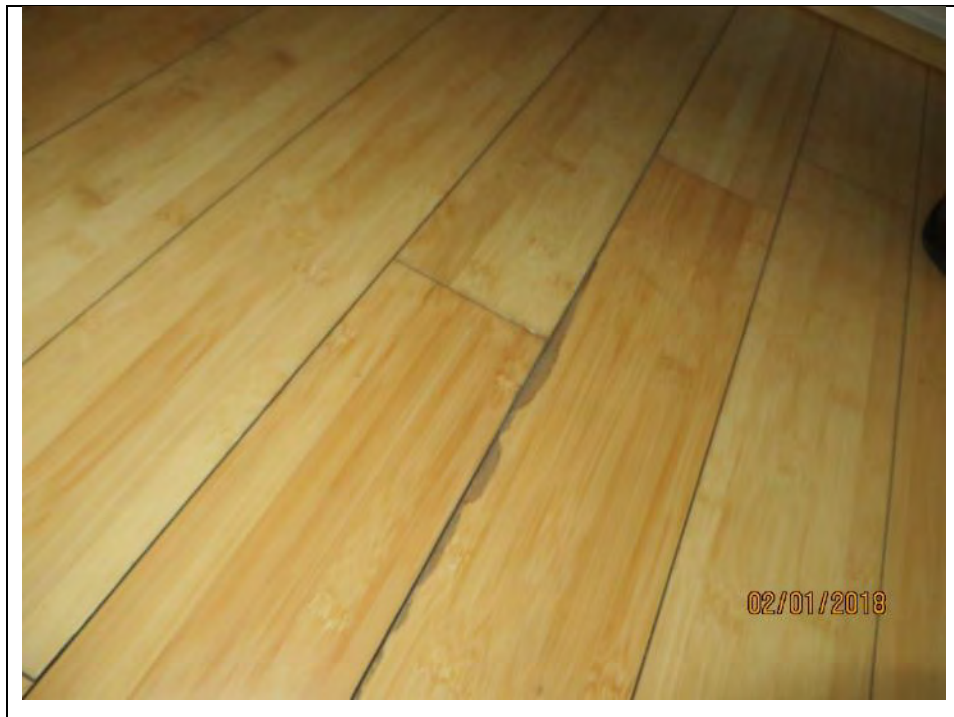


Figure 26. (KJS)

Forensic Building Science, Inc.

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Figure 27. (KJS)



Figure 28. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 29. (KJS)



Figure 30. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 31. (KJS)



Figure 32. (KJS)

Forensic Building Science, Inc.

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Figure 33. (KJS)



Figure 34. (KJS)

Forensic Building Science, Inc.

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Figure 35. (KJS)



Figure 36. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 37. Window bowed (KJS)

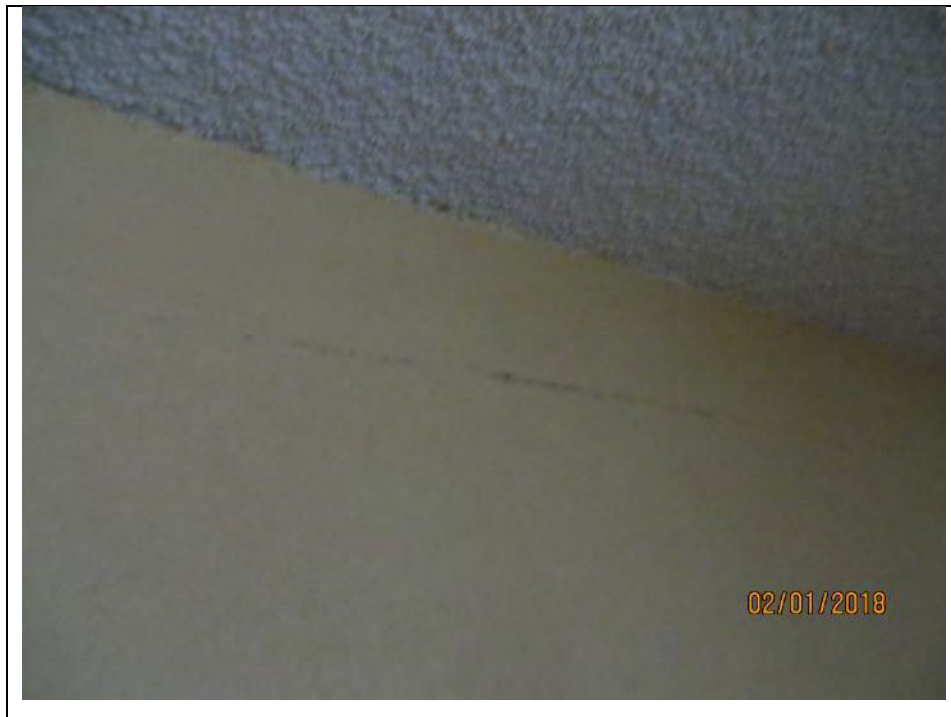


Figure 38. (KJS)

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Figure 39. (KJS)



Figure 40. (KJS)

Forensic Building Science, Inc.

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Figure 41. (KJS)



Figure 42. (KJS)

Forensic Building Science, Inc.

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Figure 43. Typical water damage after storm (KJS)



Figure 44. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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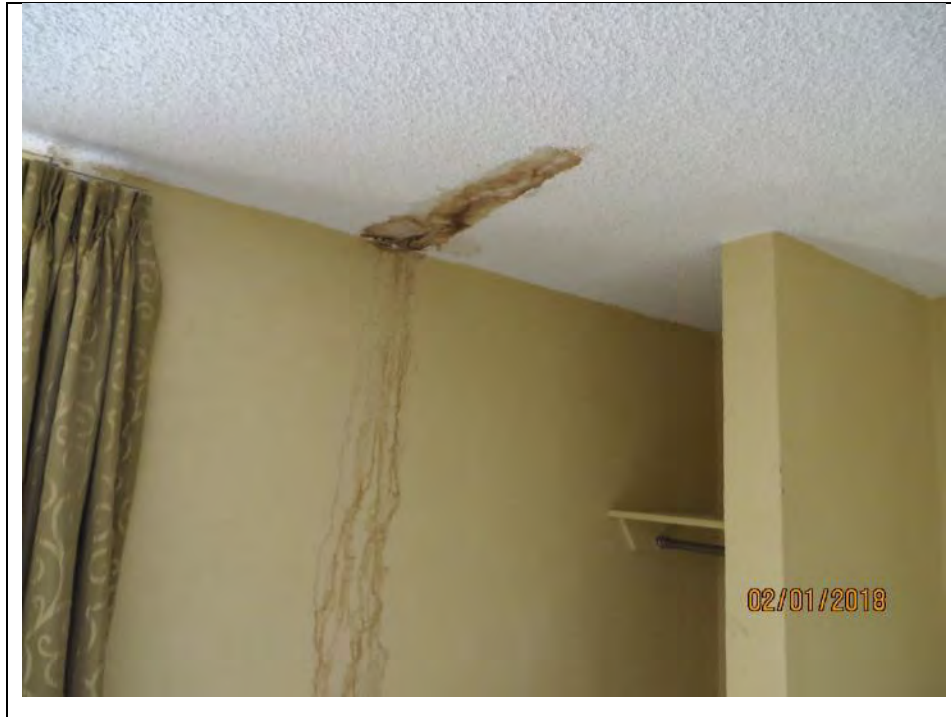


Figure 45. Typical water damage after storm (KJS)

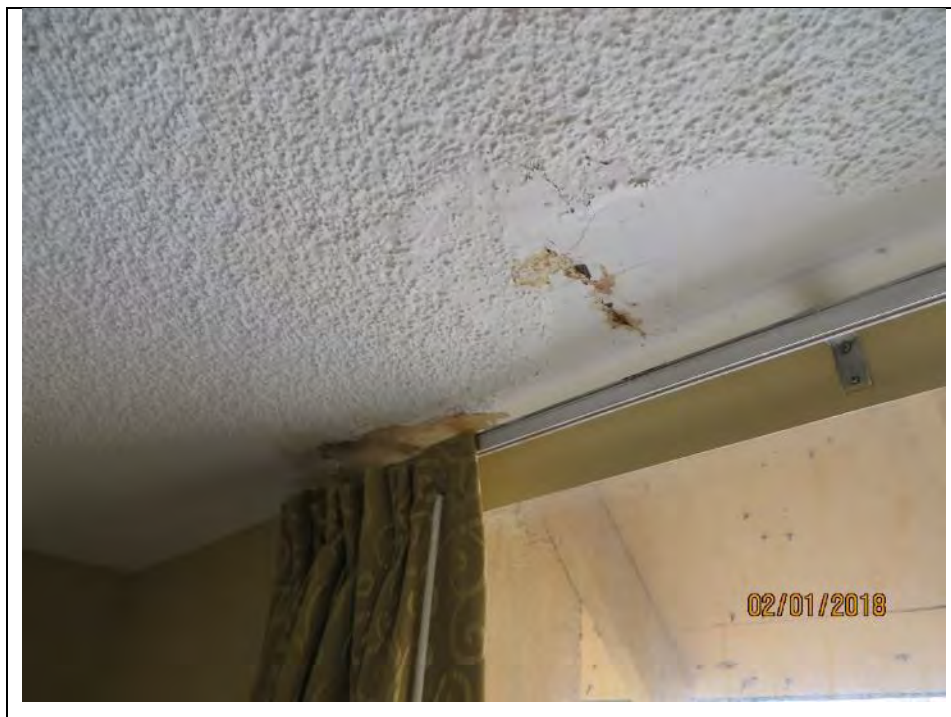


Figure 46. (KJS)

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Figure 47. (KJS)



Figure 48. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 49. Typical water damage after storm (KJS)



Figure 50. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

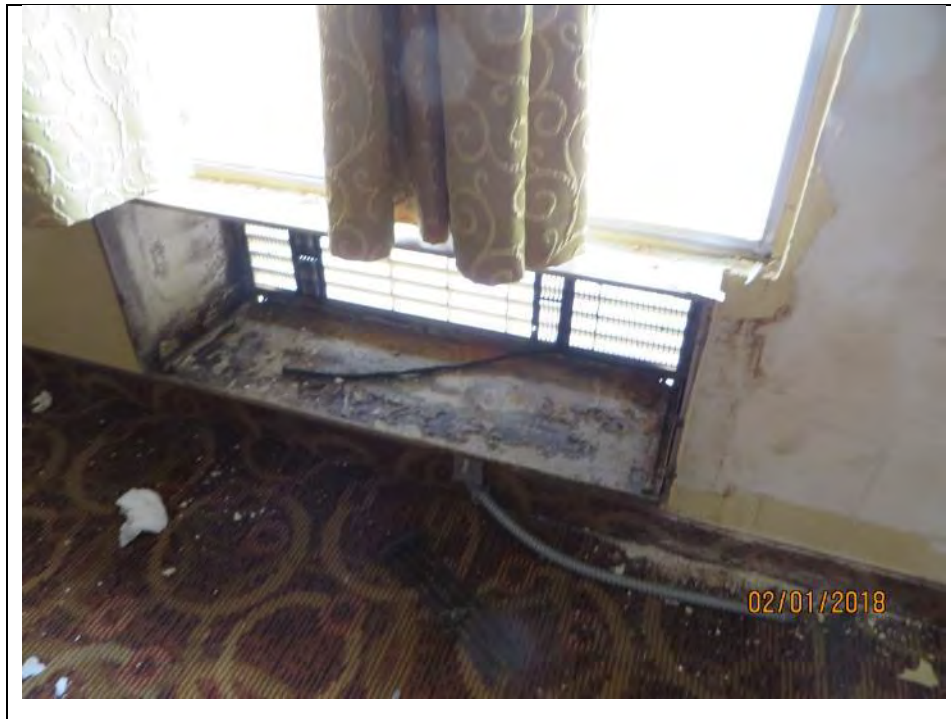


Figure 51. (KJS)



Figure 52. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024



Figure 53. (KJS)



Figure 54. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

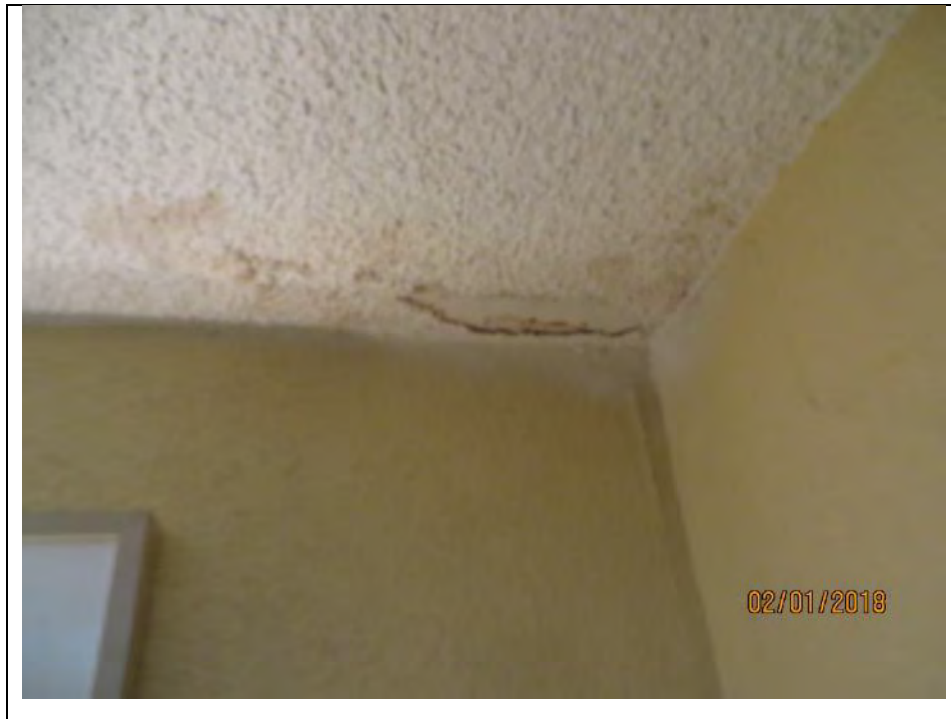


Figure 55. (KJS)



Figure 56. (KJS)

Forensic Building Science, Inc.

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Figure 57. (KJS)

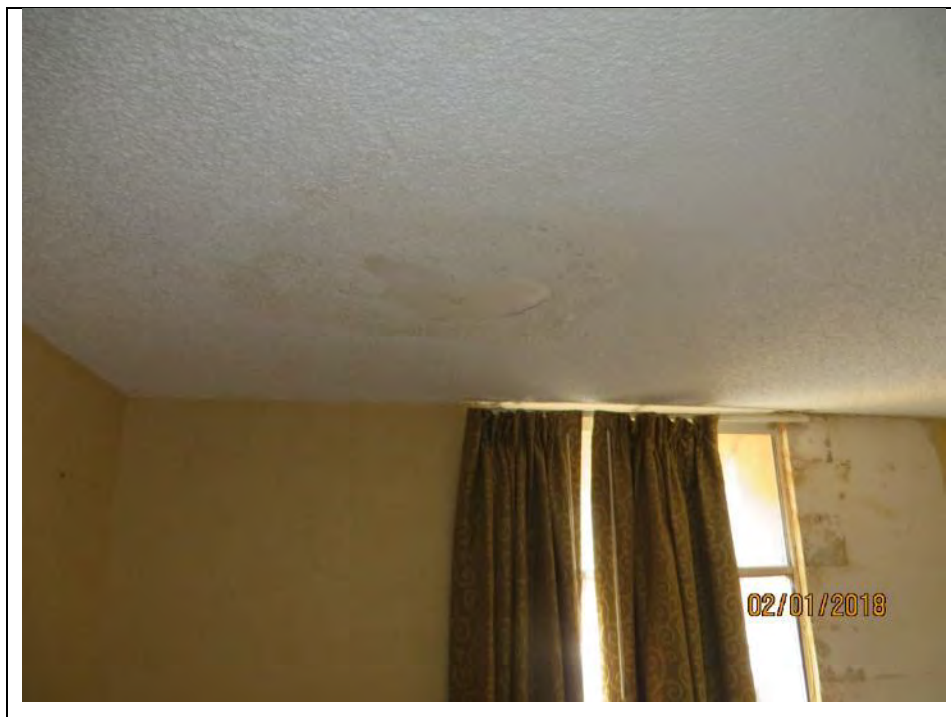


Figure 58. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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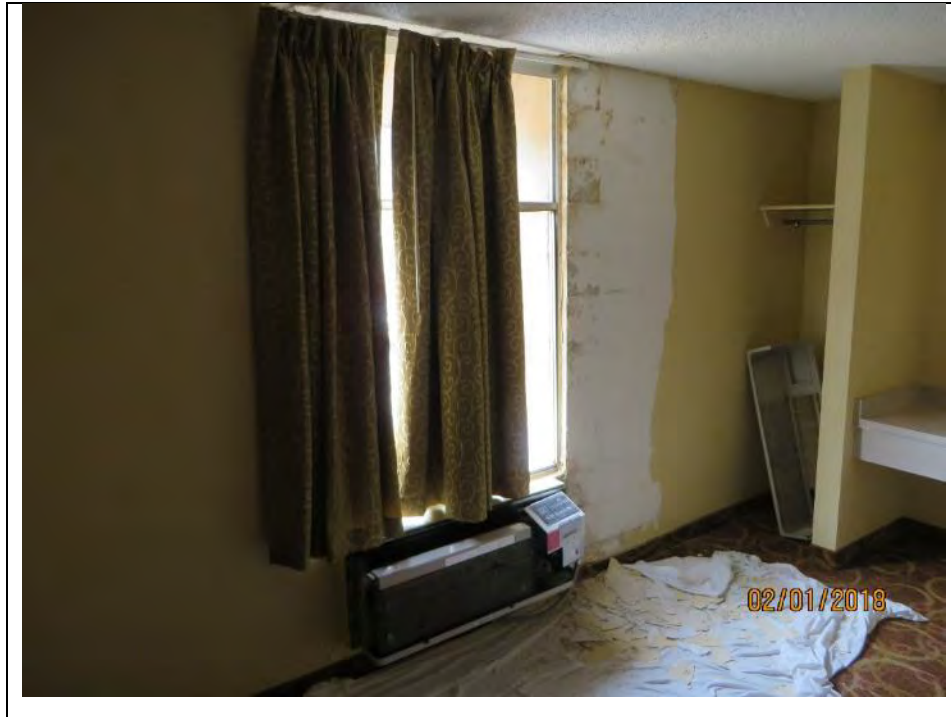


Figure 59. Typical water damage after storm (KJS)



Figure 60. (KJS)

Forensic Building Science, Inc.

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Figure 61. Typical water damage after storm (KJS)



Figure 62. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 63. (KJS)

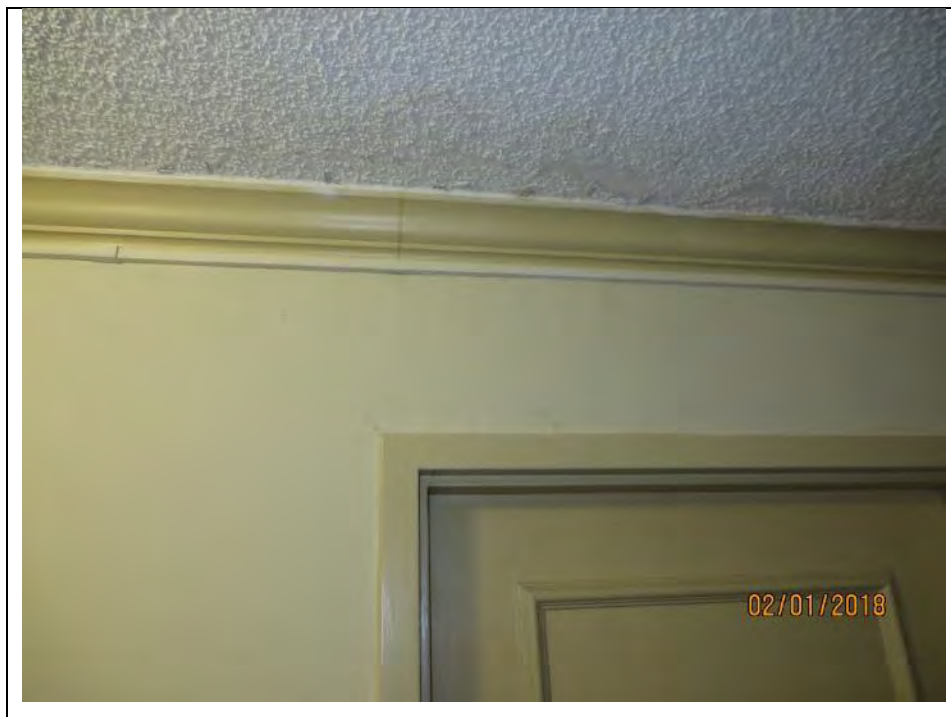


Figure 64. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 65. (KJS)

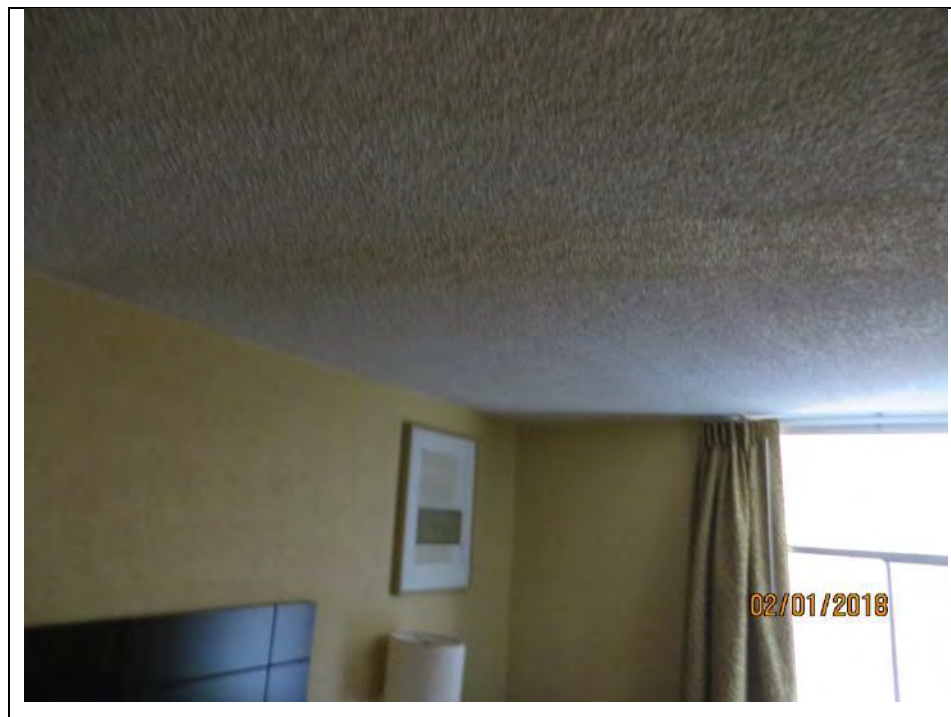


Figure 66. (KJS)

Forensic Building Science, Inc.

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Figure 67. Typical water damage after storm (KJS)



Figure 68. (KJS)

Forensic Building Science, Inc.

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Figure 69. (KJS)



Figure 70. Typical water damage after storm (KJS)

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Figure 71. Typical water damage after storm (KJS)



Figure 72. (KJS)

Forensic Building Science, Inc.

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Figure 73. (KJS)



Figure 74. (KJS)

Forensic Building Science, Inc.

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Figure 75. (KJS)



Figure 76. (KJS)

Forensic Building Science, Inc.

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Figure 77. (KJS)



Figure 78. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

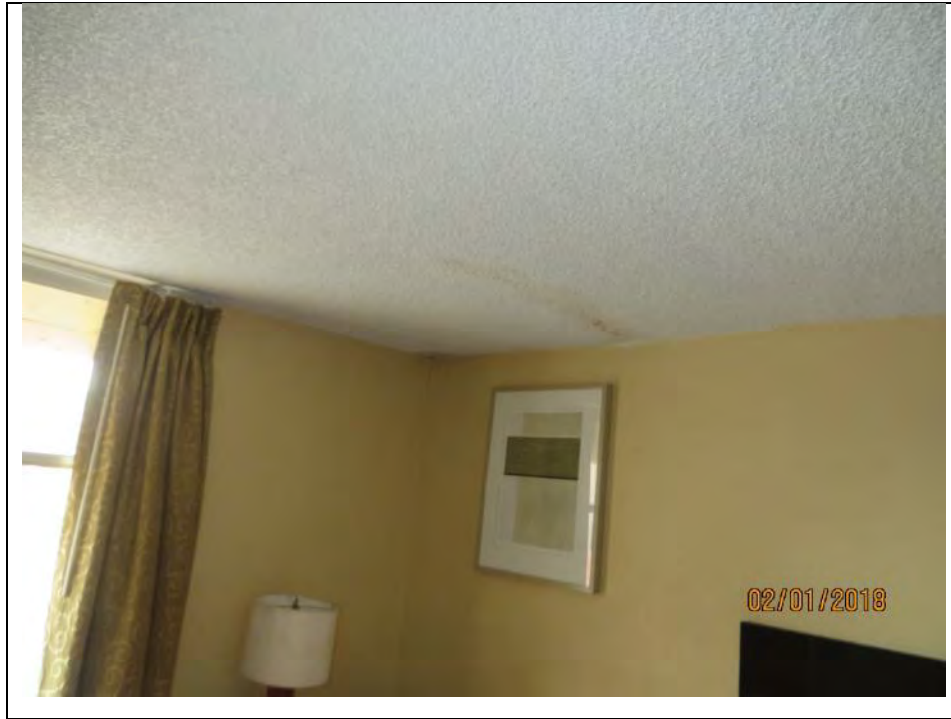


Figure 79. (KJS)



Figure 80. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 81. (KJS)



Figure 82. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 83. (KJS)



Figure 84. (KJS)

Forensic Building Science, Inc.

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Figure 85. (KJS)



Figure 86. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

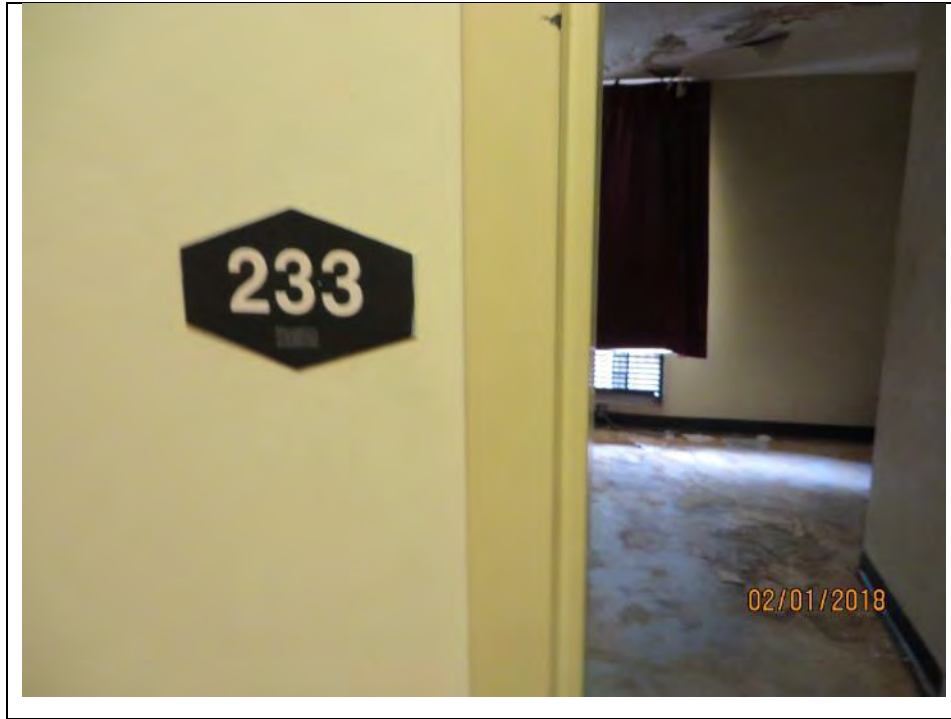


Figure 87. (KJS)



Figure 88. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 89. (KJS)



Figure 90. (KJS)

Forensic Building Science, Inc.

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Figure 91. (KJS)

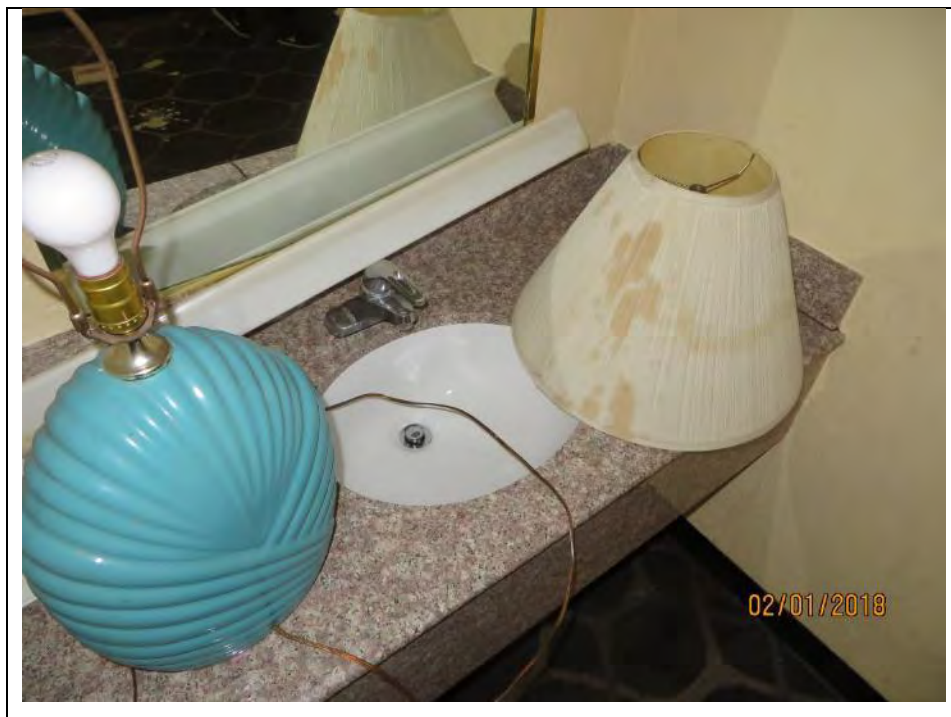


Figure 92. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 93. (KJS)



Figure 94. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 95. (KJS)



Figure 96. (KJS)

Forensic Building Science, Inc.

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Figure 97. (KJS)



Figure 98. (KJS)

Forensic Building Science, Inc.

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Figure 99. (KJS)



Figure 100. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 101. (KJS)



Figure 102. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 103. (KJS)

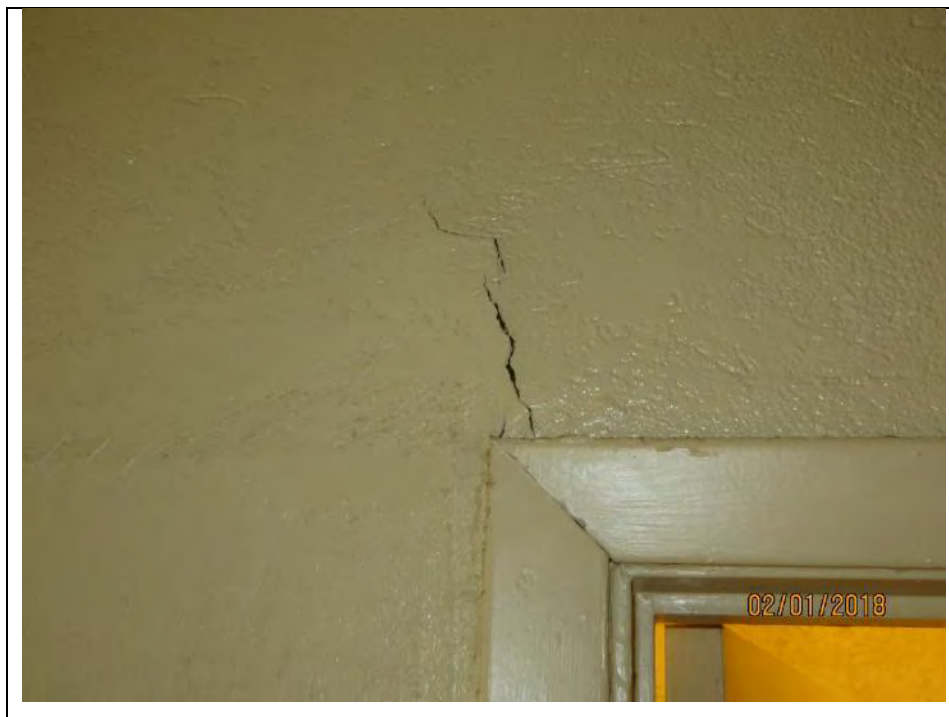


Figure 104. (KJS)

Forensic Building Science, Inc.

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Figure 105. (KJS)



Figure 106. (KJS)

Forensic Building Science, Inc.

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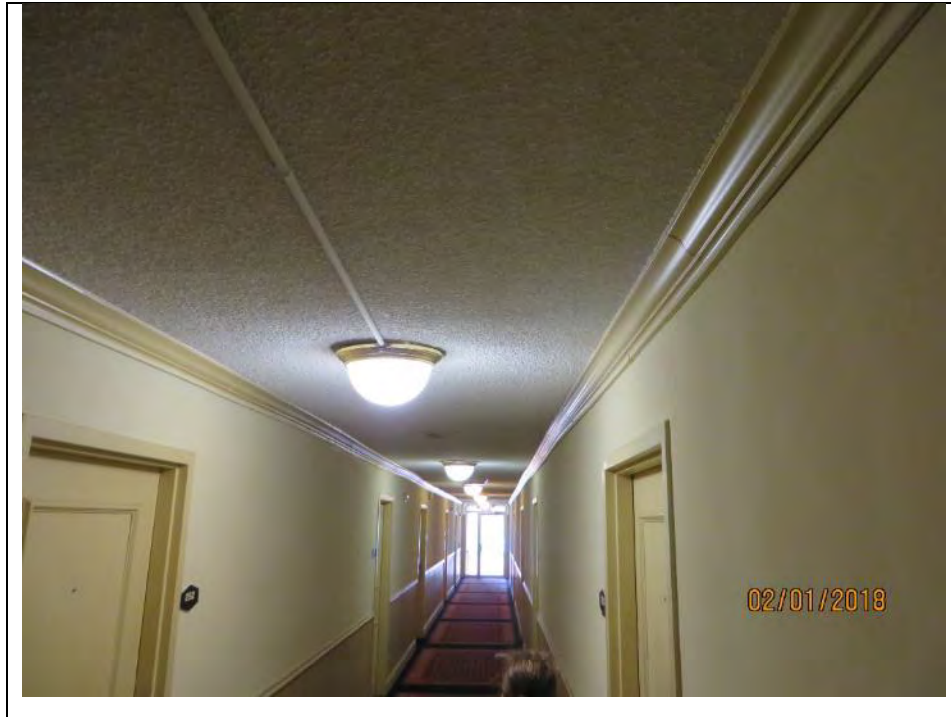


Figure 107. (KJS)



Figure 108. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 109. (KJS)



Figure 110. (KJS)

Forensic Building Science, Inc.

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Figure 111. Typical water damage after storm (KJS)



Figure 112. (KJS)

Forensic Building Science, Inc.

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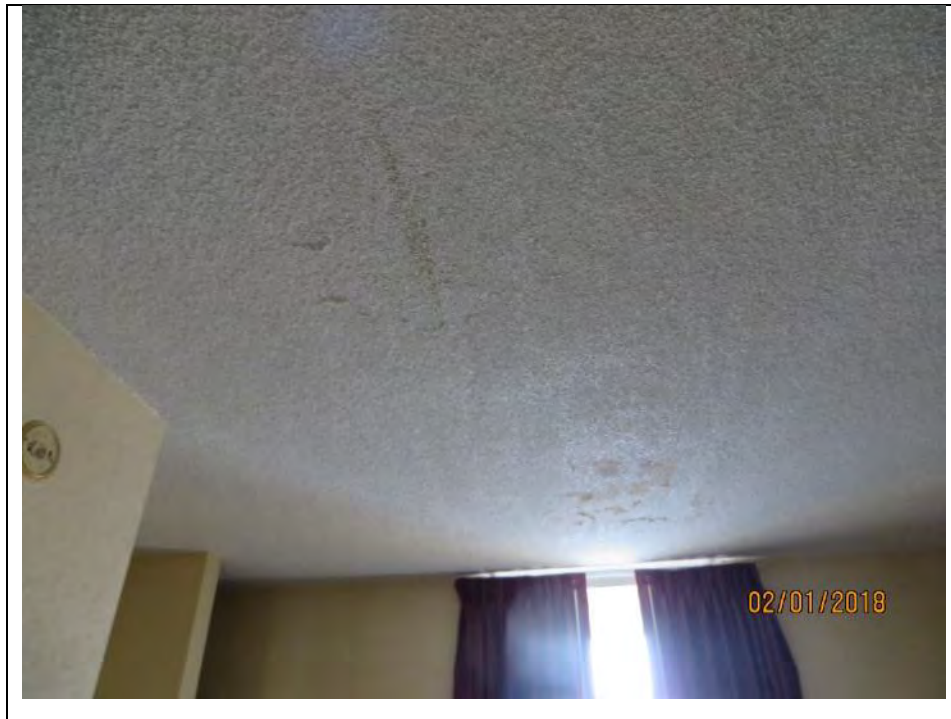


Figure 113. (KJS)

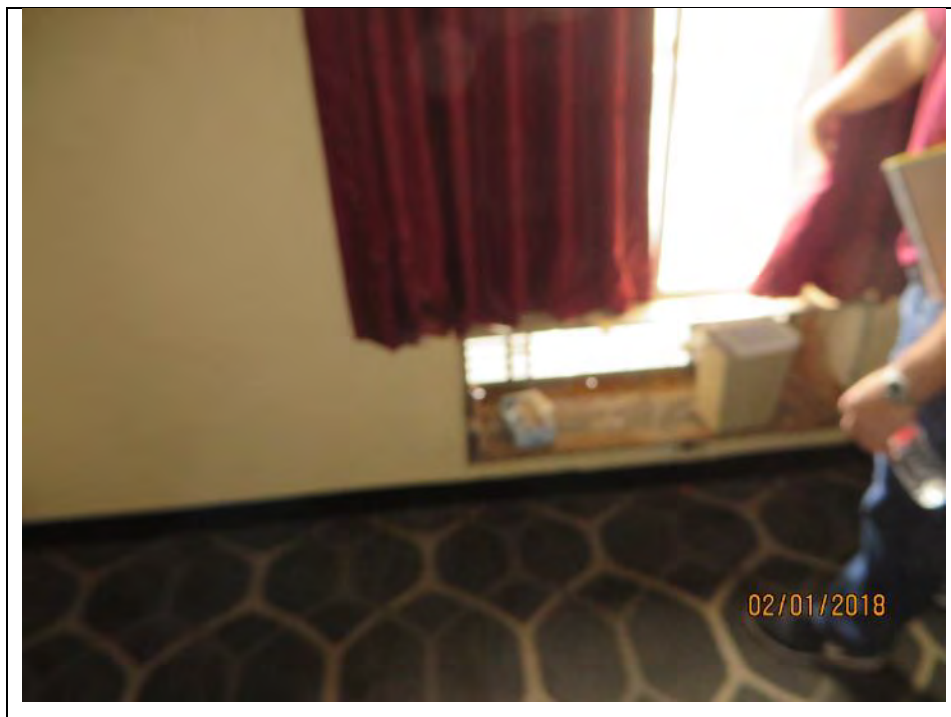


Figure 114. (KJS)

Forensic Building Science, Inc.

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Figure 115. (KJS)



Figure 116. (KJS)

Forensic Building Science, Inc.

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Figure 117. (KJS)



Figure 118. (KJS)

Forensic Building Science, Inc.

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Figure 119. (KJS)

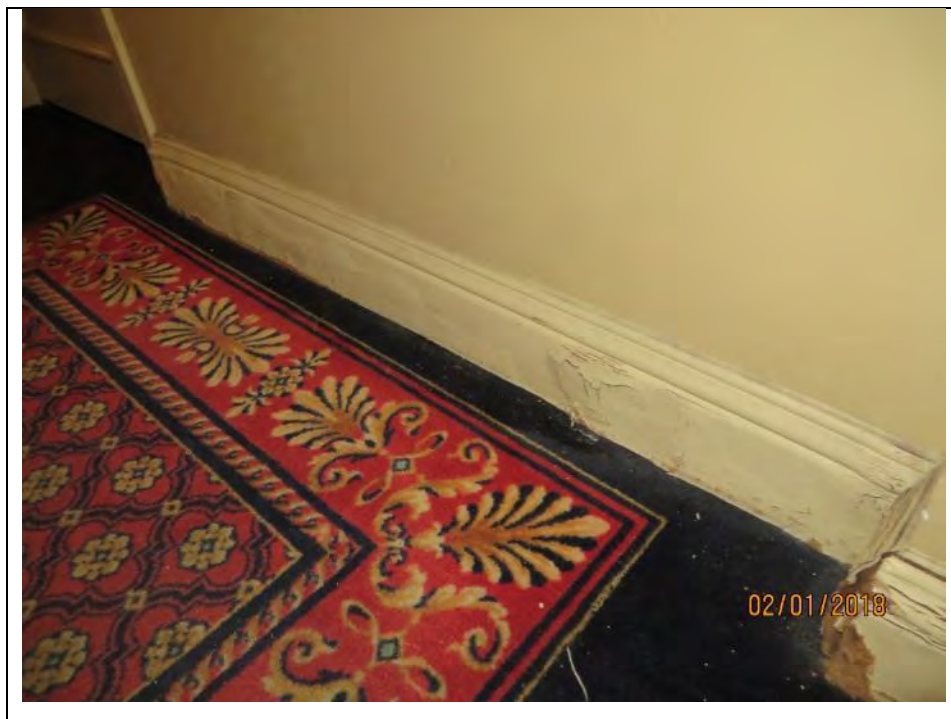


Figure 120. (KJS)

Forensic Building Science, Inc.

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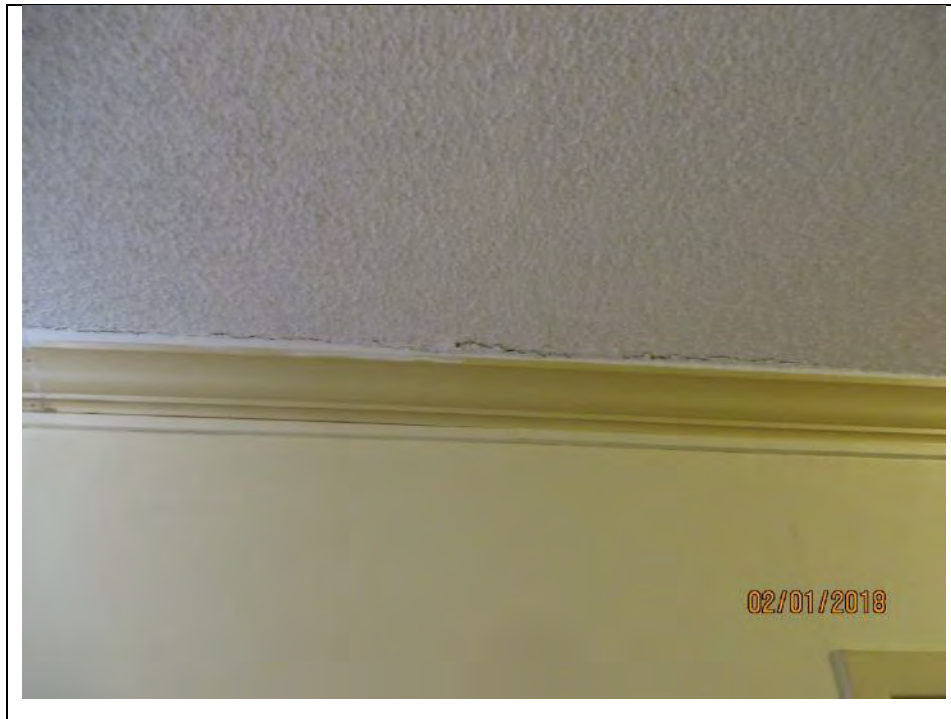


Figure 121. (KJS)



Figure 122. (KJS)

Forensic Building Science, Inc.

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Figure 123. Typical water damage after storm (KJS)



Figure 124. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 125. (KJS)



Figure 126. (KJS)

Forensic Building Science, Inc.

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Figure 127. Typical water damage after storm (KJS)



Figure 128. (KJS)

Forensic Building Science, Inc.

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Figure 129. (KJS)



Figure 130. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 131. (KJS)



Figure 132. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 133. (KJS)



Figure 134. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 135. (KJS)



Figure 136. (KJS)

Forensic Building Science, Inc.

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Figure 137. Typical water damage after storm (KJS)



Figure 138. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 139. Typical water damage after storm (KJS)



Figure 140. (KJS)

Forensic Building Science, Inc.

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Figure 141. Typical water damage after storm (KJS)



Figure 142. (KJS)

Forensic Building Science, Inc.

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Figure 143. Typical water damage after storm (KJS)



Figure 144. (KJS)

Forensic Building Science, Inc.

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Figure 145. (KJS)



Figure 146. (KJS)

Forensic Building Science, Inc.

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Figure 147. (KJS)



Figure 148. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 149. (KJS)



Figure 150. (KJS)

Forensic Building Science, Inc.

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Figure 151. (KJS)



Figure 152. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 153. (KJS)



Figure 154. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

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Figure 155. Typical water damage after storm (KJS)



Figure 156. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024



Figure 157. (KJS)

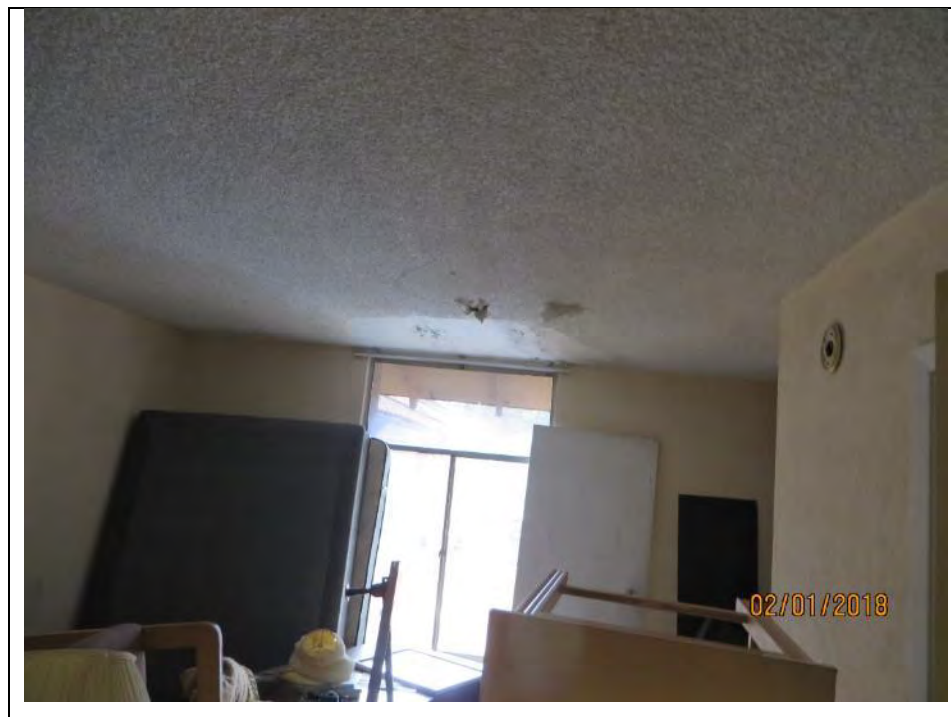


Figure 158. (KJS)

Forensic Building Science, Inc.

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Figure 159. (KJS)



Figure 160. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 161. (KJS)

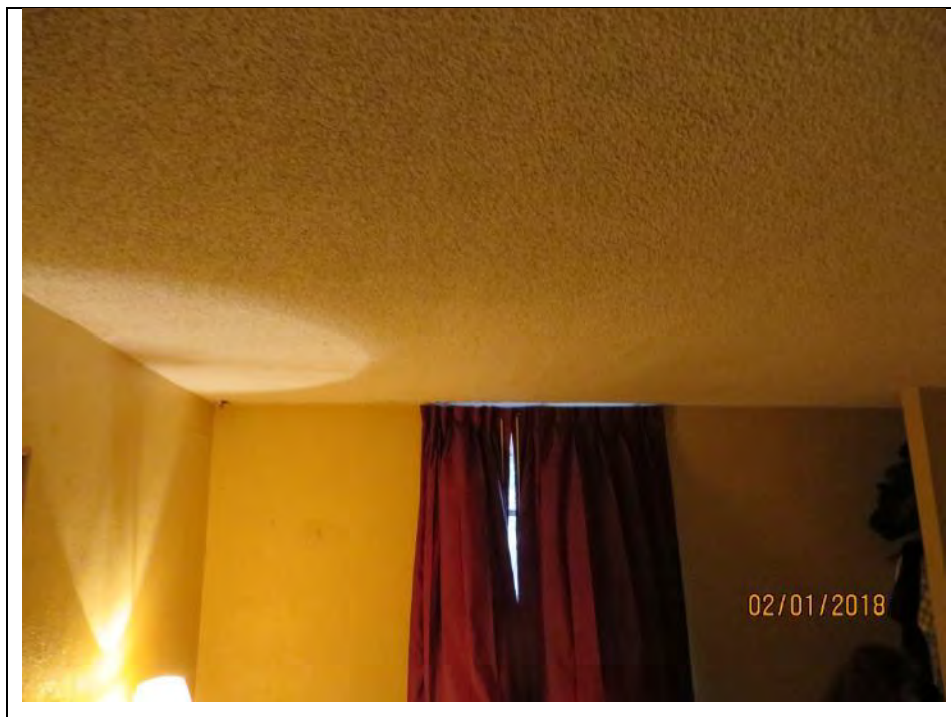


Figure 162. (KJS)

Forensic Building Science, Inc.

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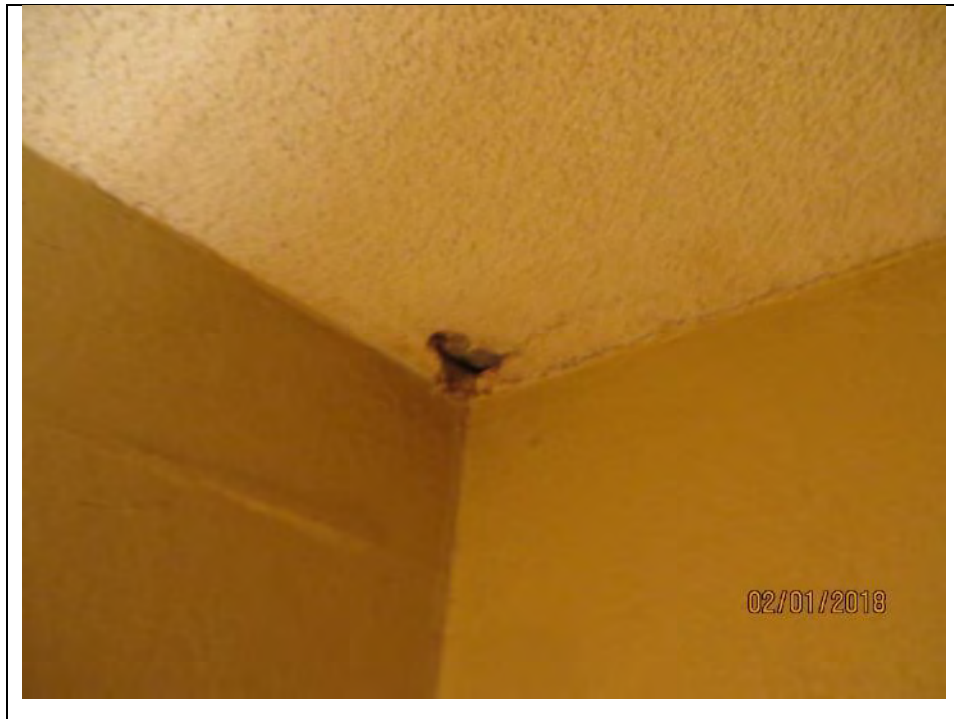


Figure 163. (KJS)



Figure 164. (KJS)

Forensic Building Science, Inc.

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Figure 165. (KJS)



Figure 166. (KJS)

Forensic Building Science, Inc.

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Figure 167. (KJS)



Figure 168. (KJS)

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Figure 169. (KJS)

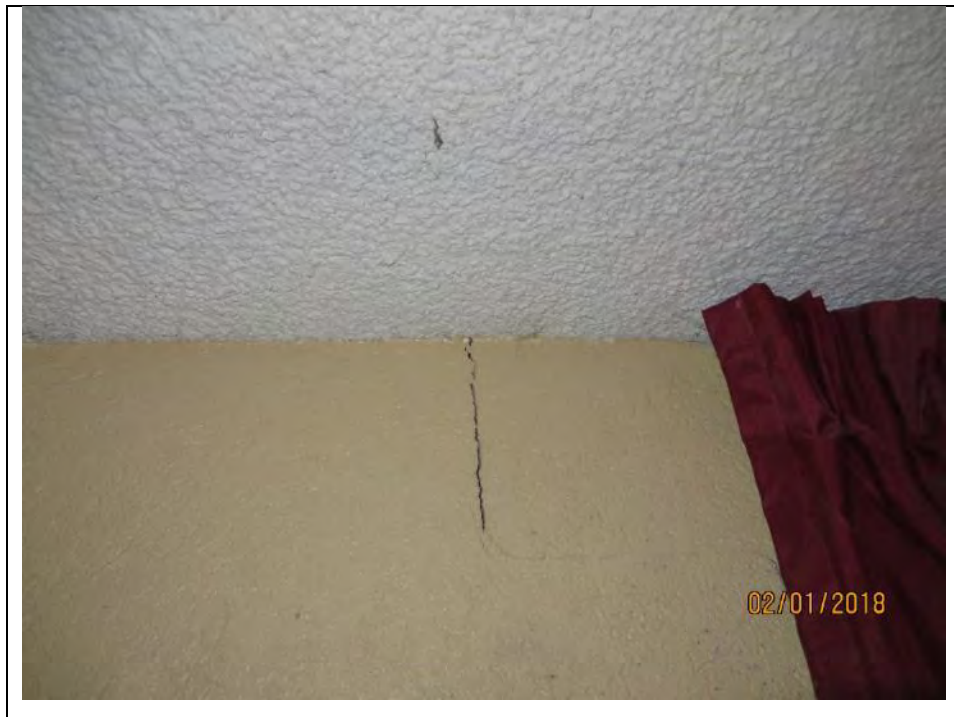


Figure 170. (KJS)

Forensic Building Science, Inc.

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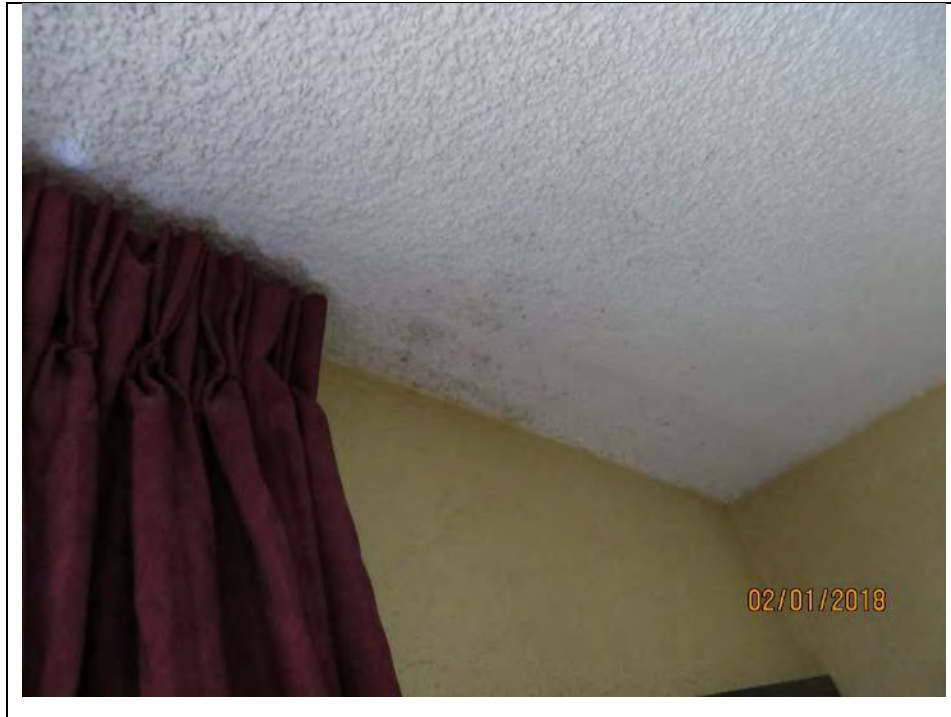


Figure 171. (KJS)

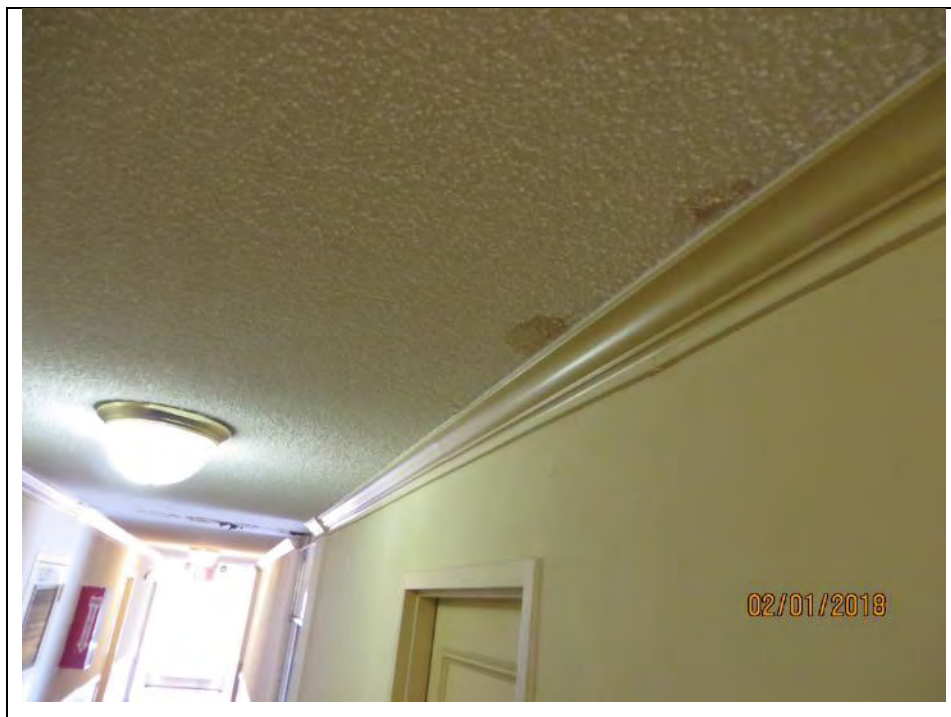


Figure 172. (KJS)

Forensic Building Science, Inc.

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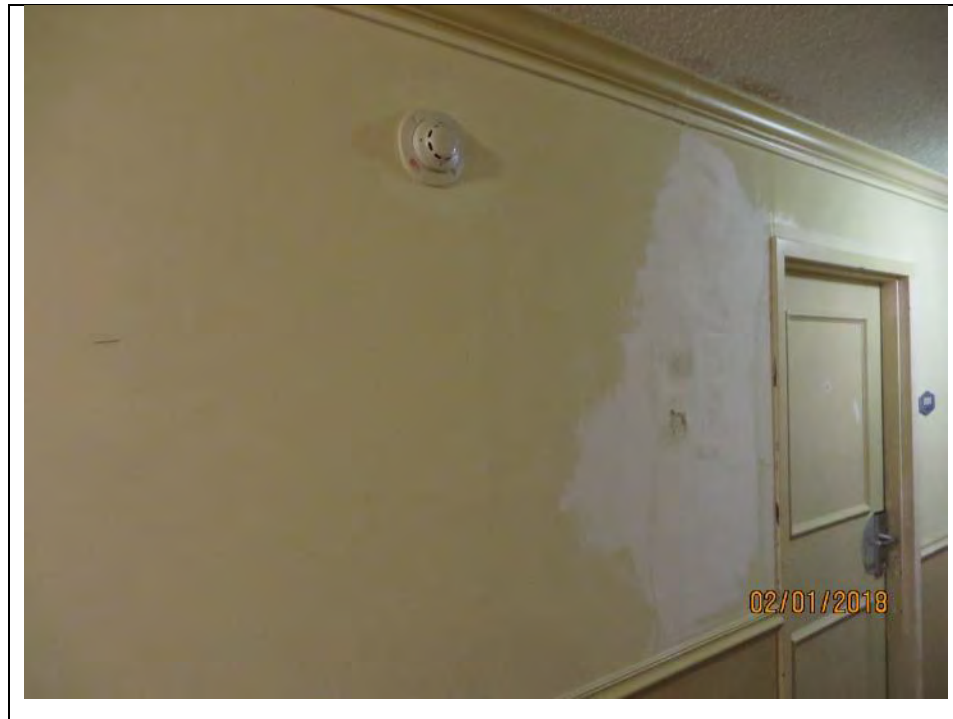


Figure 173. (KJS)



Figure 174. (KJS)

Forensic Building Science, Inc.

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Figure 175. Typical water damage after storm (KJS)



Figure 176. (KJS)

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Figure 177. (KJS)



Figure 178. (KJS)

Forensic Building Science, Inc.

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Figure 179. (KJS)



Figure 180. (KJS)

Forensic Building Science, Inc.

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Figure 181. (KJS)



Figure 182. (KJS)

Forensic Building Science, Inc.

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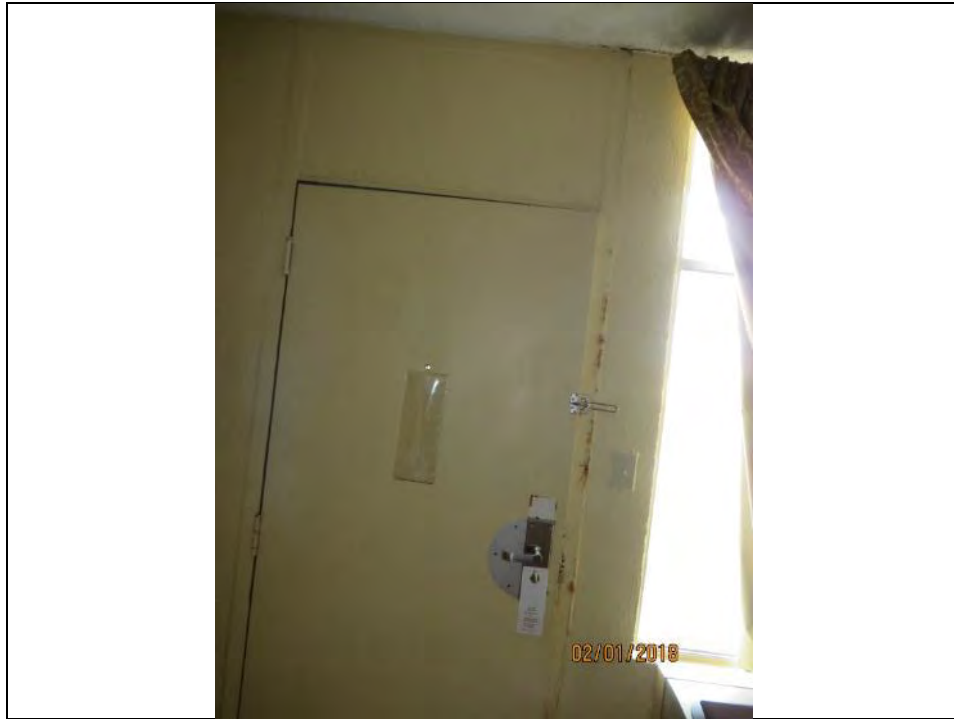


Figure 183. (KJS)

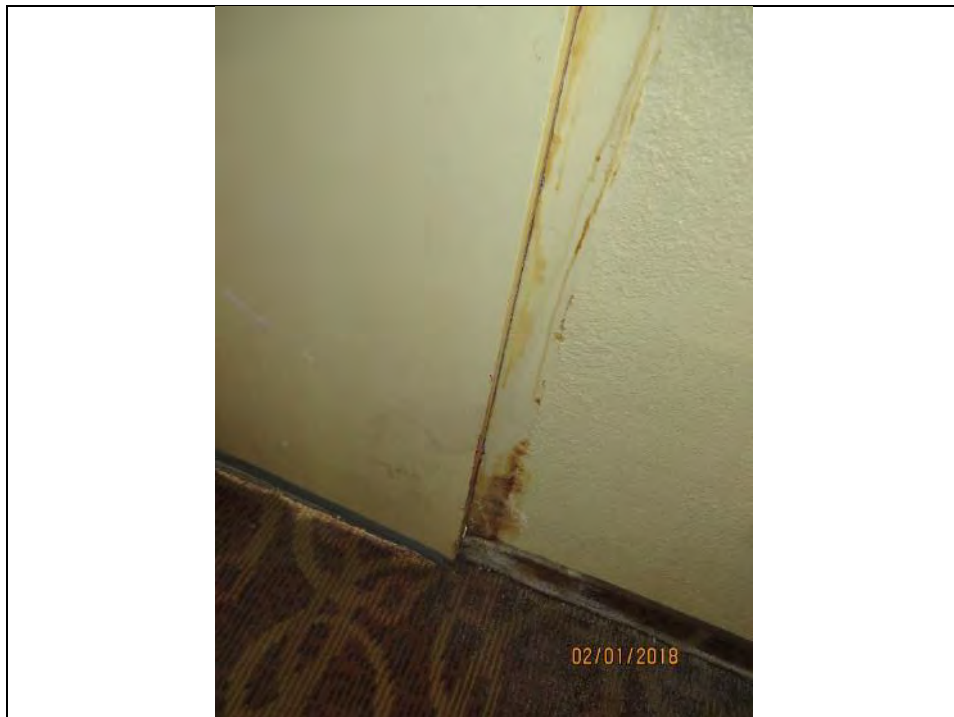


Figure 184. (KJS)

Forensic Building Science, Inc.

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Figure 185. (KJS)



Figure 186. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 187. (KJS)



Figure 188. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 189. (KJS)



Figure 190. (KJS)

Forensic Building Science, Inc.

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Figure 191. (KJS)

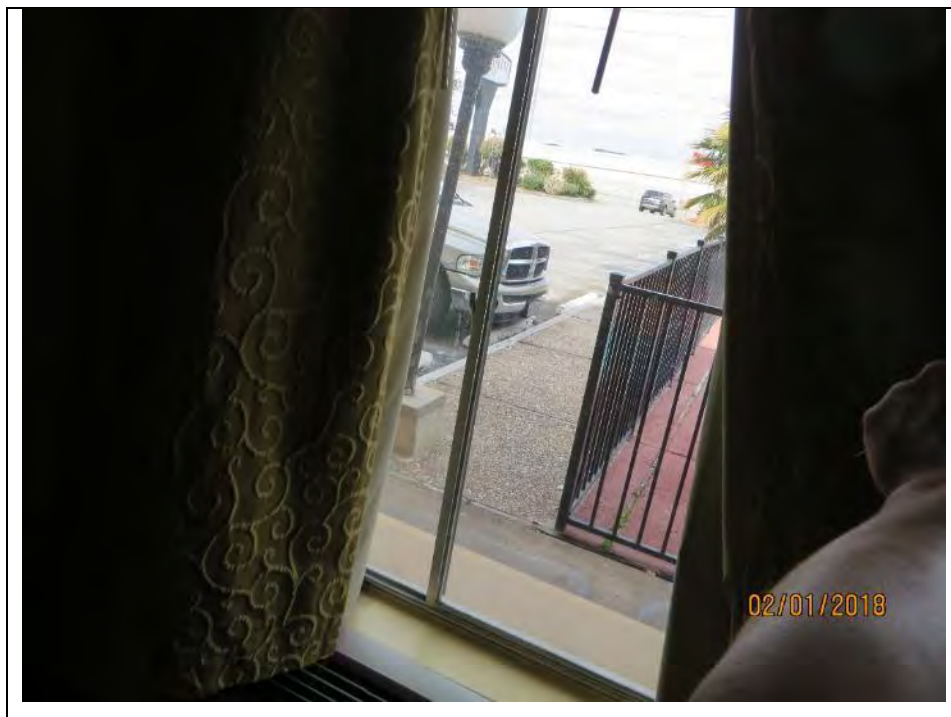


Figure 192. (KJS)

Forensic Building Science, Inc.

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Figure 193. (KJS)



Figure 194. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

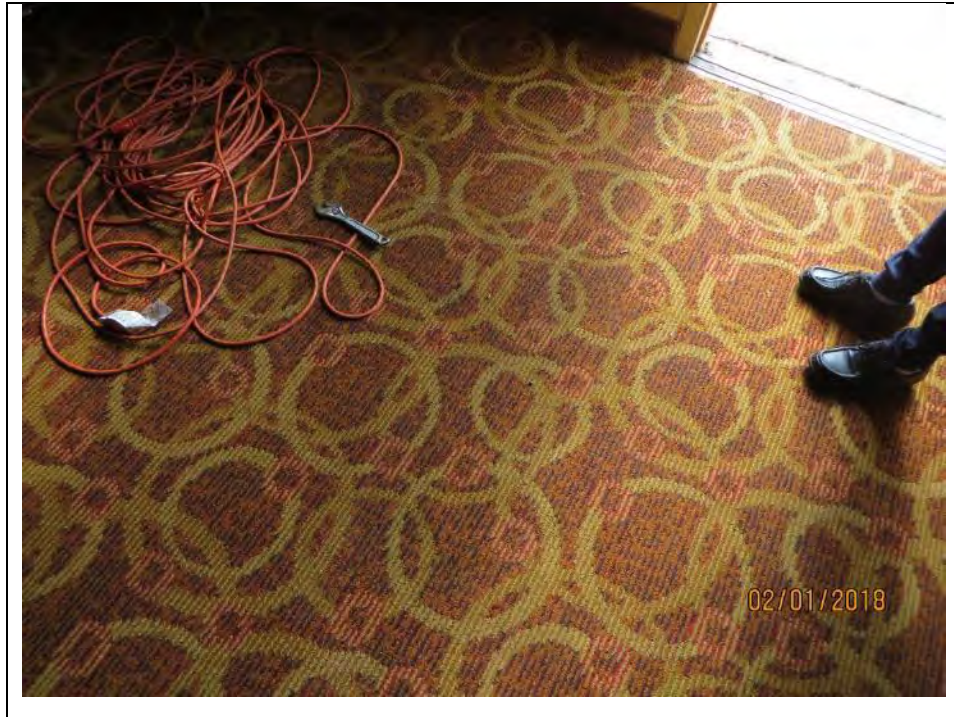


Figure 195. (KJS)



Figure 196. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

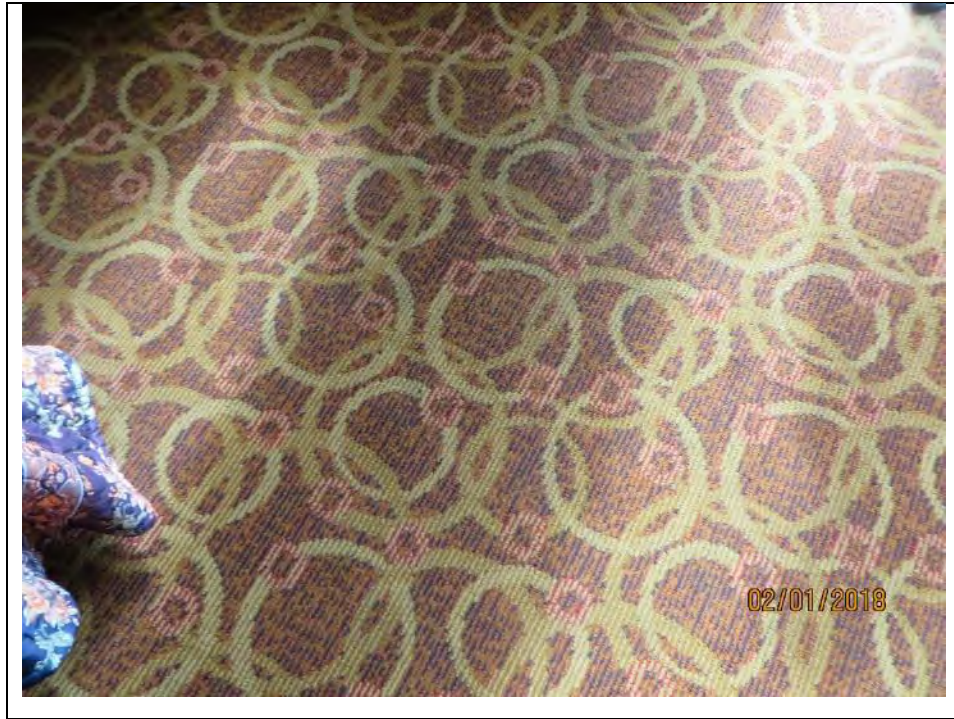


Figure 197. (KJS)



Figure 198. (KJS)

Forensic Building Science, Inc.

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Figure 199. (KJS)



Figure 200. (KJS)

Forensic Building Science, Inc.

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Figure 201. (KJS)



Figure 202. (KJS)

Forensic Building Science, Inc.

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Figure 203. (KJS)

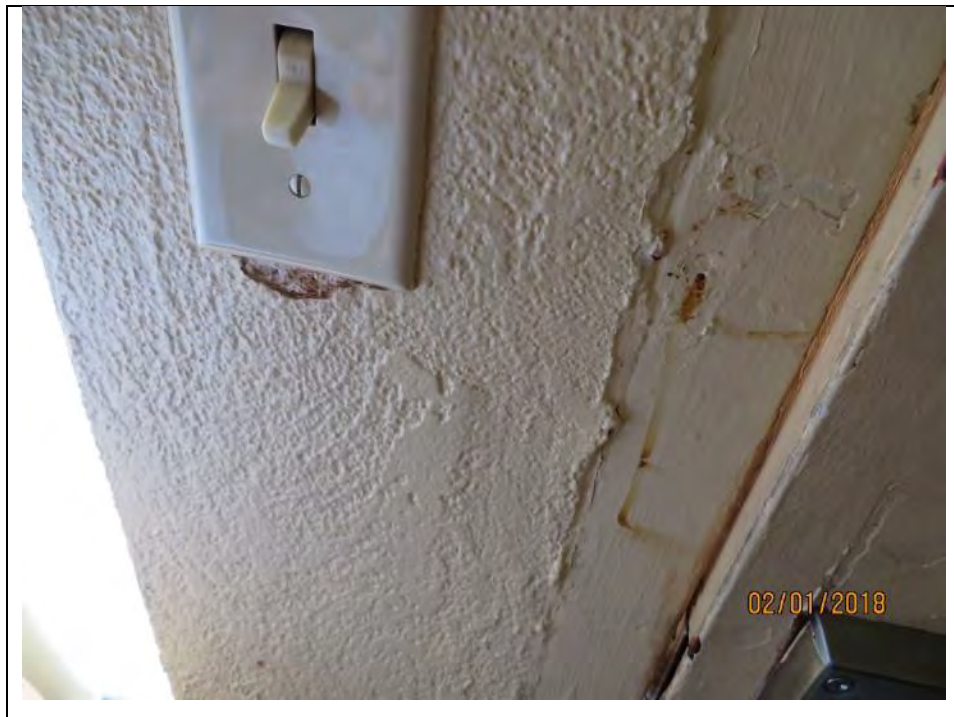


Figure 204. (KJS)

Forensic Building Science, Inc.

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Figure 205. (KJS)

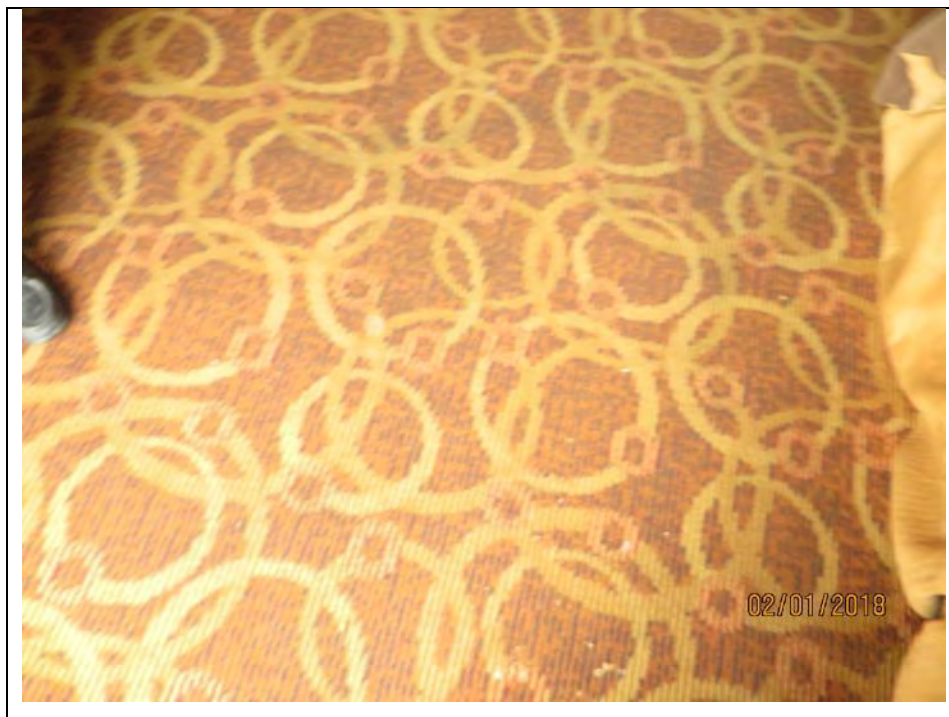


Figure 206. (KJS)

Forensic Building Science, Inc.

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Figure 207. (KJS)



Figure 208. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024



Figure 209. (KJS)



Figure 210. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 211. (KJS)



Figure 212. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 213. (KJS)

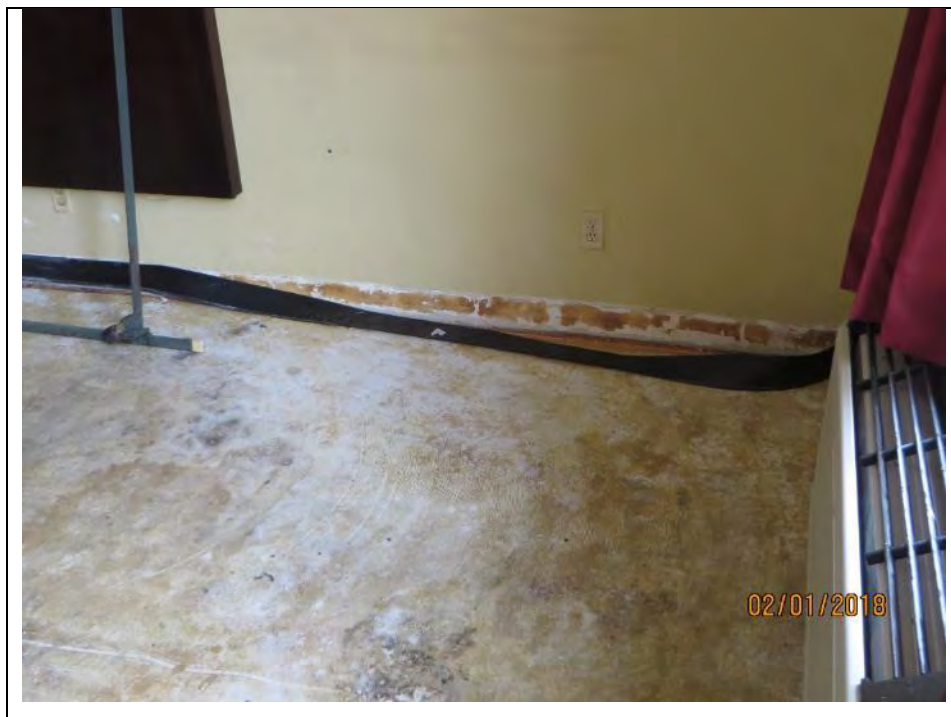


Figure 214. (KJS)

Forensic Building Science, Inc.

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Figure 215. (KJS)



Figure 216. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 217. (KJS)



Figure 218. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 219. (KJS)



Figure 220. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024



Figure 221. (KJS)



Figure 222. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 223. (KJS)

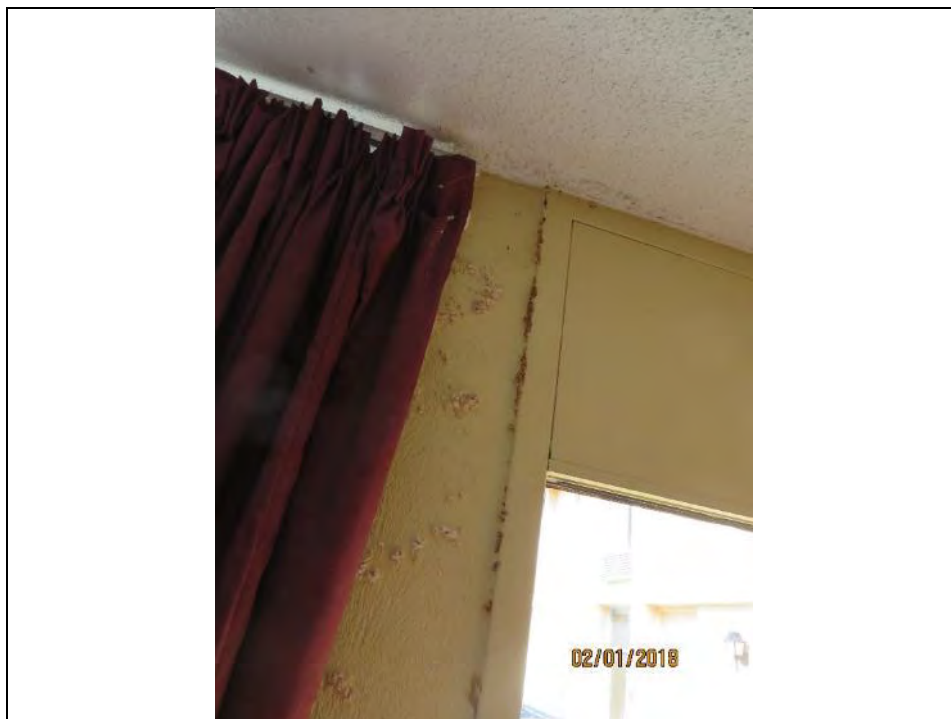


Figure 224. (KJS)

Forensic Building Science, Inc.

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Figure 225. (KJS)



Figure 226. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

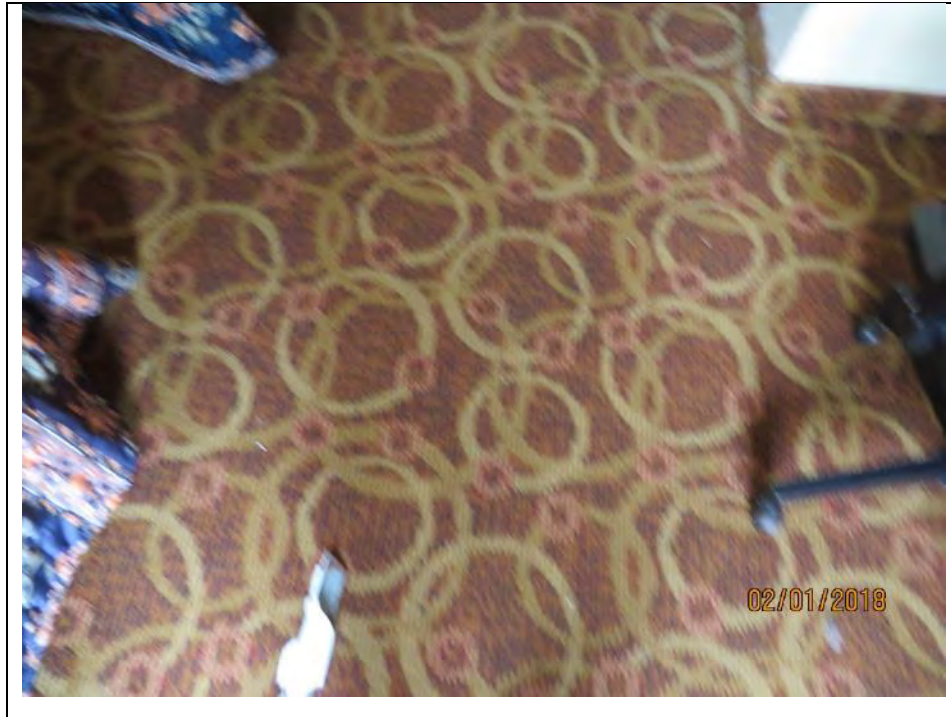


Figure 227. (KJS)

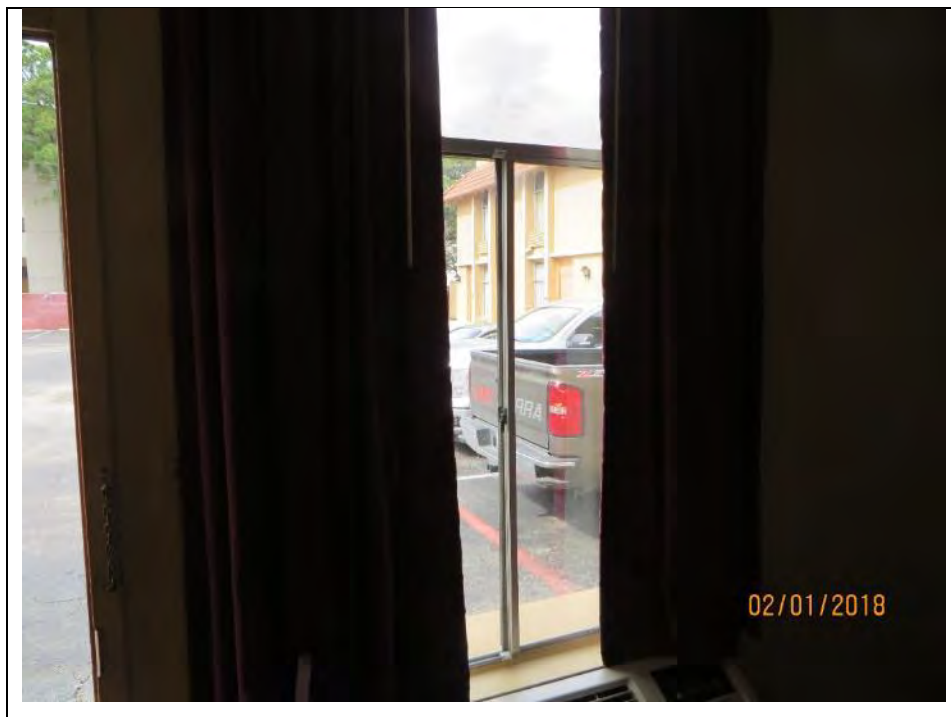


Figure 228. (KJS)

Forensic Building Science, Inc.

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Figure 229. (KJS)



Figure 230. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

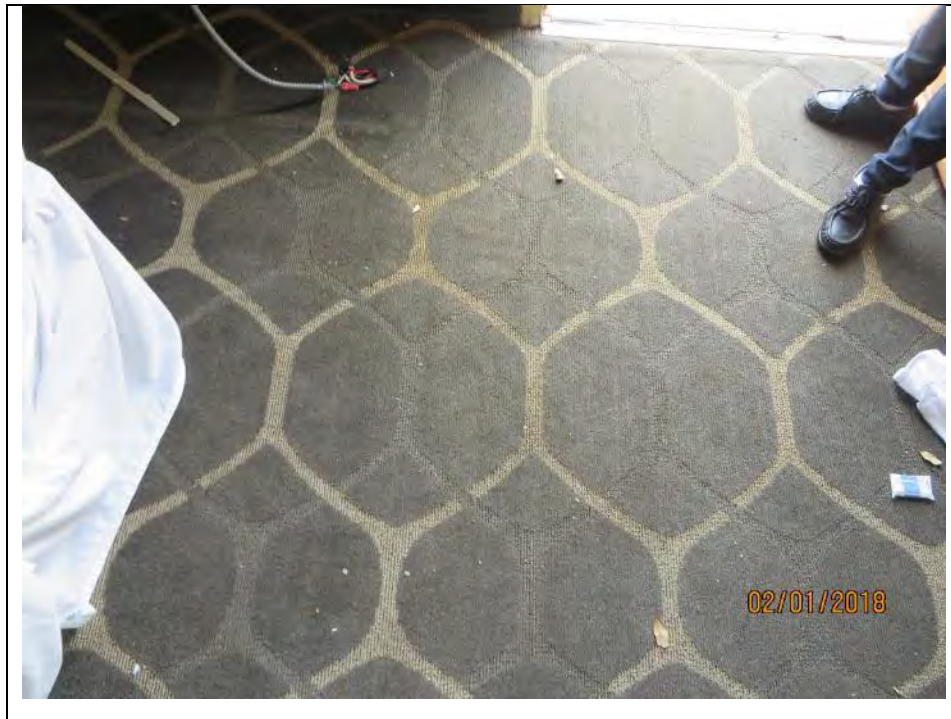


Figure 231. (KJS)



Figure 232. (KJS)

Forensic Building Science, Inc.

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Figure 233. (KJS)



Figure 234. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

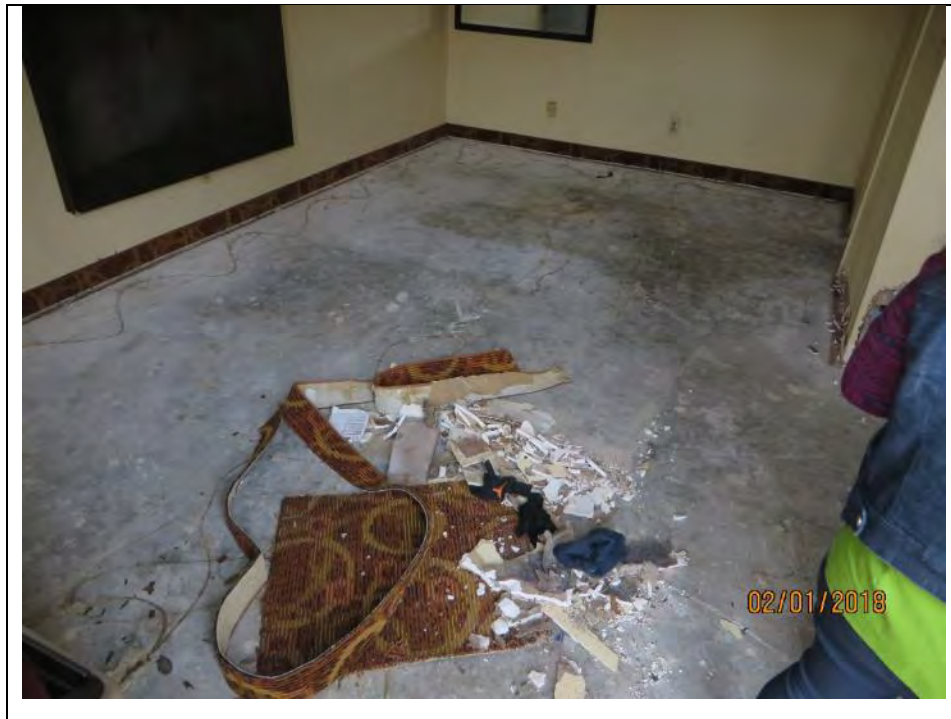


Figure 235. (KJS)



Figure 236. (KJS)

Forensic Building Science, Inc.

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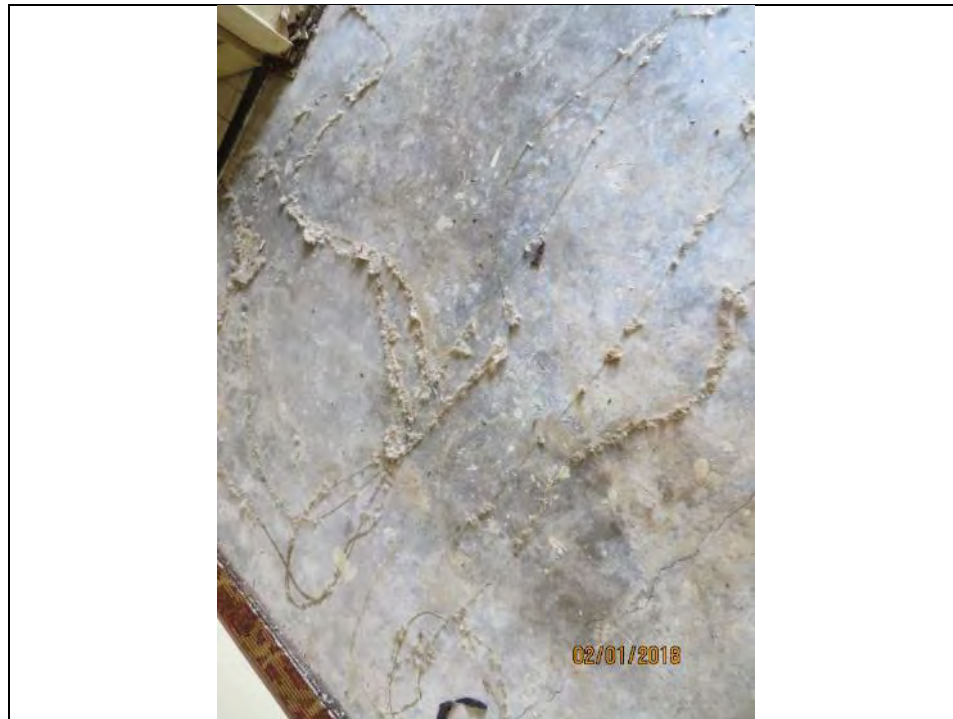


Figure 237. (KJS)



Figure 238. (KJS)

Forensic Building Science, Inc.

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Figure 239. (KJS)



Figure 240. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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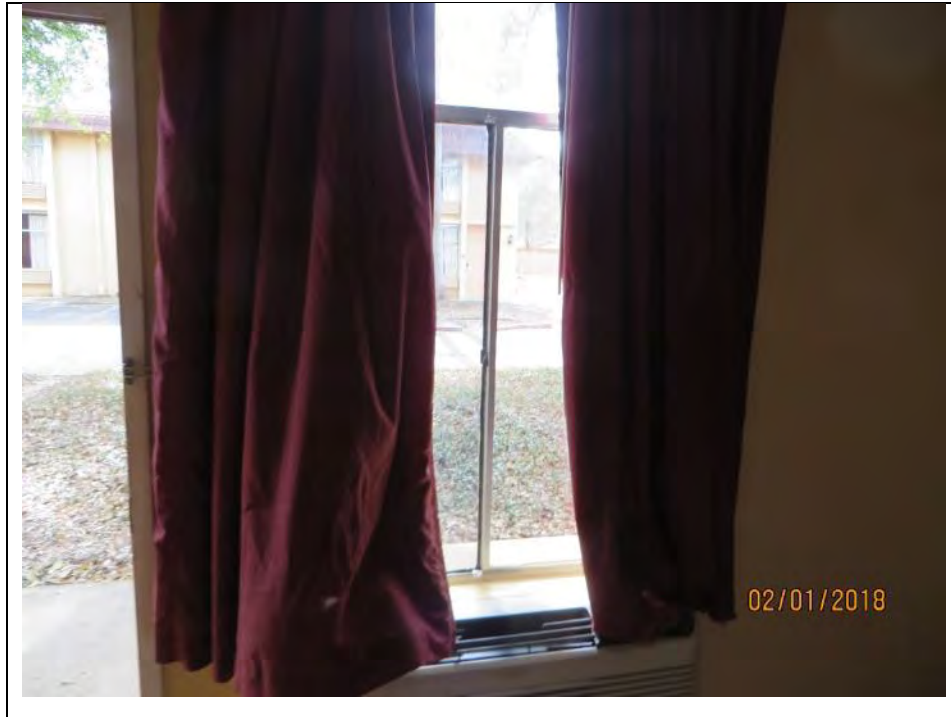


Figure 241. (KJS)



Figure 242. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 243. (KJS)



Figure 244. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 245. (KJS)



Figure 246. Typical water damage after storm (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

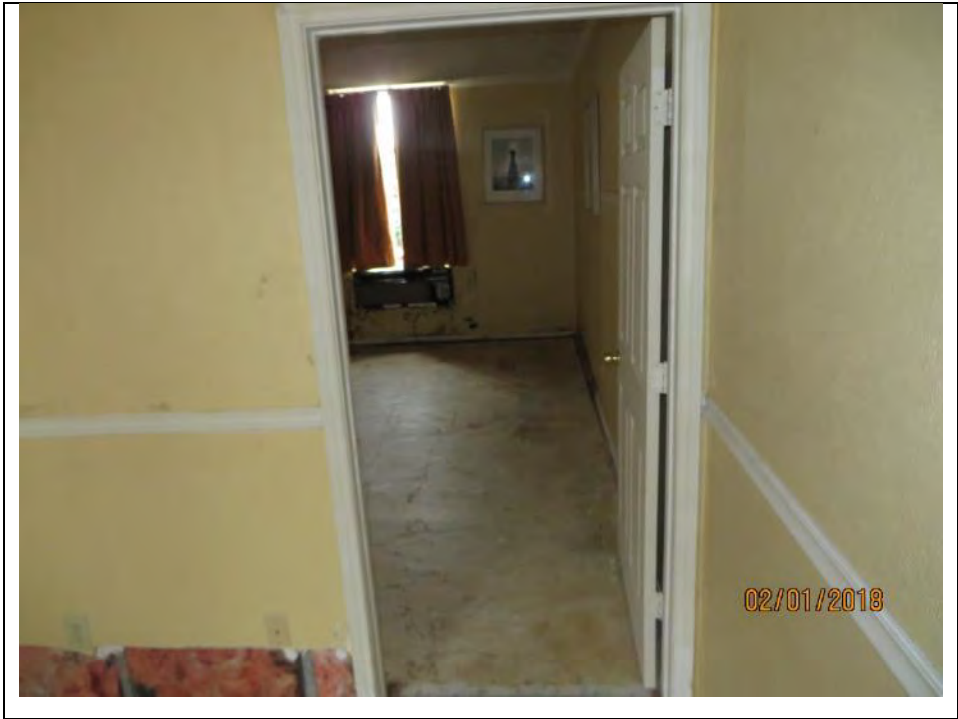


Figure 247. (KJS)

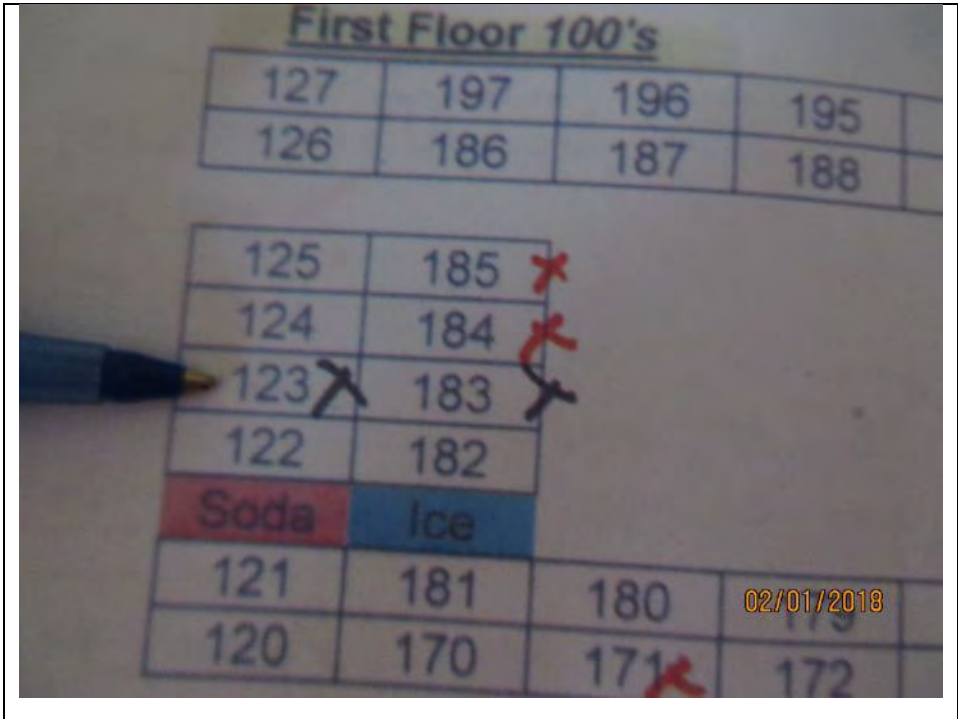


Figure 248. (KJS)

Forensic Building Science, Inc.

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Figure 249. (KJS)



Figure 250. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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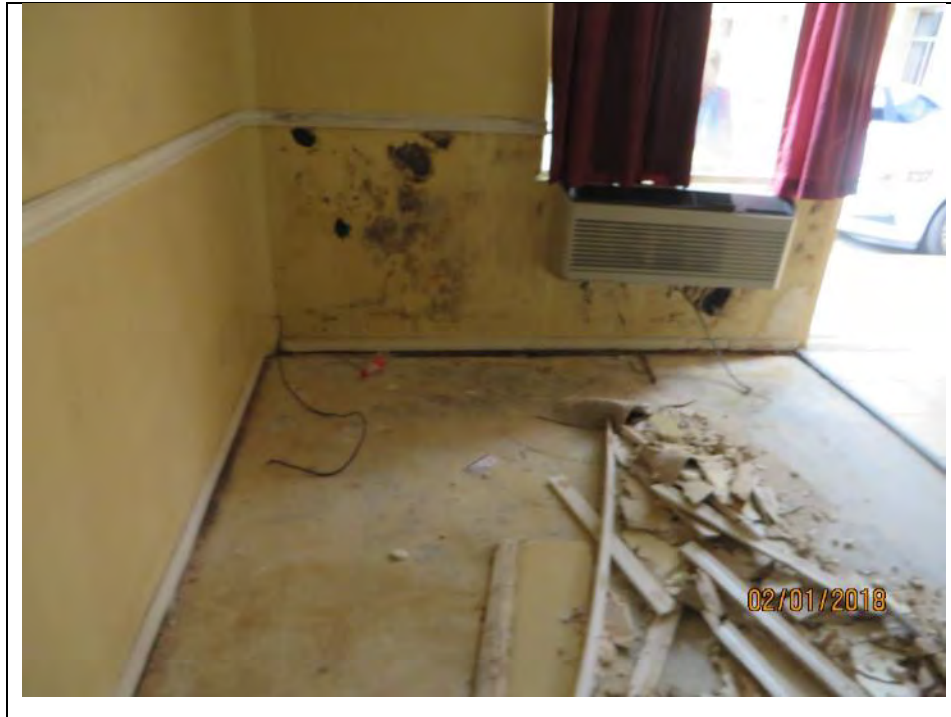


Figure 251. Typical water damage after storm (KJS)



Figure 252. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 253. (KJS)



Figure 254. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

PROJECT ADDRESS: 9535 Katy Freeway, Houston, TX, 77024

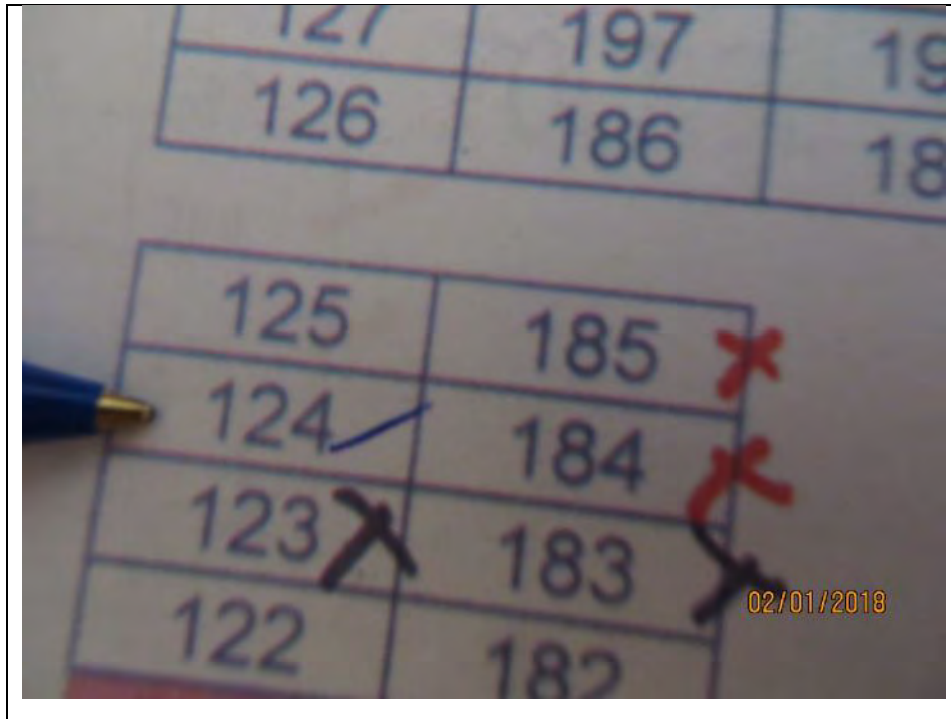


Figure 255. (KJS)

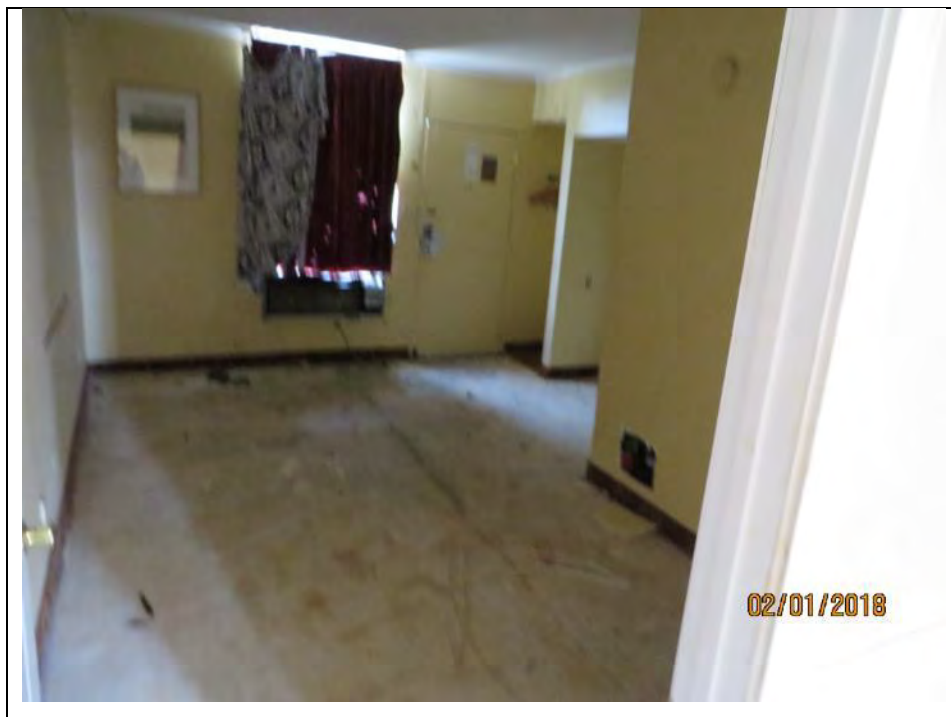


Figure 256. (KJS)

Forensic Building Science, Inc.

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Figure 257. Typical water damage after storm (KJS)

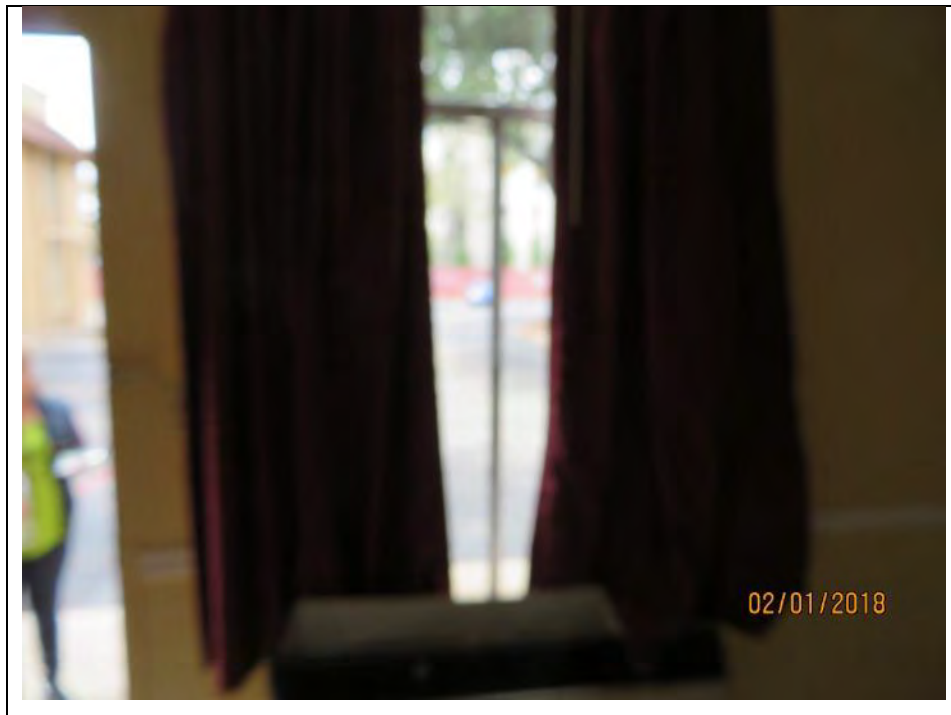


Figure 258. (KJS)

Forensic Building Science, Inc.

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Figure 259. (KJS)



Figure 260. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 261. (KJS)



Figure 262. (KJS)

Forensic Building Science, Inc.

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Figure 263. (KJS)



Figure 264. (KJS)

Forensic Building Science, Inc.

Photo Log – February 1, 2018

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Figure 265. (KJS)